

### KEY TO ABBREVIATIONS

- ab — abstract  
AJNR — from the *American Journal of Neuroradiology* (Nov/Dec 1983)  
AJR — from the *American Journal of Roentgenology* (Nov 1983-Jan 1984)  
bk rev — book review  
edit — editorial  
L — letter to the Editor  
opin — opinion  
RCNA — from *Radiologic clinics of North America* (Sep 1983)

### AUTHOR INDEX

#### A

- Aberg T See Erikson U  
Abiodun P See Klingmuller V  
Ablow RC See Rosenfield NS  
Abrams DI See Moon KL Jr  
Abrams HL See McNeil BJ  
Abrams HL See Margulis AR  
Abramson SJ See Berdon WE  
Abramson SJ; Barash FS; Seldin DW; Berdon WE: transient focal liver scan defects in children receiving chemotherapy. work in progress, 150: 701, 1984  
Adams JE et al See Evans TW  
Adams MB See Berland LL  
Addison NV: pseudo-obstruction of the large bowel (ab), 150: 288, 1984  
Adler SJ See Balogh GJ  
Agathangelou NE See Lewis BS  
Agha FP; Eckhauser FE; Strodel WE; Fanders BL; Knol JA: Mason's vertical banded gastroplasty for morbid obesity. surgical procedure and radiographic evaluation, 150: 825, 1984  
Alazraki NP See Bookstein JJ  
Alazraki NP See Cook PS  
Albers WH; Thompson RE: in utero diagnosis and management of fetal supraventricular tachycardia (ab), 150: 300, 1984  
Albert C See Spranger J  
Albertson D See Glass TA  
Aldenhoff P See Wiedemann H-R  
Alderson AM See Denham JW  
Alderson T See Phillips J  
Alevizaki C See Georgiou E  
Alfidi RJ See Butler H  
Alfidi RJ See El Yousef SJ  
Alfidi RJ See Fletcher BD  
Alfidi RJ See Han JS  
Allen HA; Hanev PJ: left ventricular outflow obstruction and necrotizing enterocolitis, 150: 401, 1984  
Allen HD See Lima CO  
Almeras M See Picard L  
Alpan G See Grenadier E  
Alpers C See Hricak H  
Altman RP See Berdon WE  
Amendola MA See Shirazi KK  
Amis ES Jr See Cronan JJ  
Amis ES Jr See White JM  
Ammann W See Jeanty P  
Amplatz K See Cragg AH  
Amplatz K See Salomonowitz E  
Amundsen P; Dugstad G; Presthus J; et al: cerebral angiography with iohexol. a multicentre clinical trial (ab), 150: 862, 1984  
Andersen BL See Vujić I  
Andersen BL; Curry NS; Gobien RP: sonography of evolving renal cystic transformation associated with hemodialysis, (AJR), 141: 1003, 1983  
Anderson DJ See Kereiakes DJ

- Anderson RE See Sherry RG  
Andrasiak TA See Ungerleider JT  
Anzola E See Kessler KM  
Apple JS; Martinez S; Nunley JA: painful os styloideum: bone scintigraphy in carpe bossu disease, (AJR), 142: 181, 1984  
Applebaum EL See Mafee MF  
ApSimon HT See Tress BM  
Arab M; Friedman M; Weingarten J: nasal polyposis with invasion into the orbit (ab), 150: 293, 1984  
Arakawa M See Crooks LE  
Arakawa M See Lanzer P  
Araki T; Inouye T; Suzuki H; Machida T; Iio M: magnetic resonance imaging of brain tumors: measurement of T1, 150: 95, 1984  
Aranha GV; Prinz RA; Esquerro AC; et al: nature and course of cystic pancreatic lesions diagnosed by ultrasound (ab), 150: 301, 1984  
Archer CW; Turnipseed WD; Sackett JF; et al: digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy (ab), 150: 292, 1984  
Armstrong P See Glass TA  
Arne P See Caille J-M  
Aronow WS See Chandraratna PAN  
Asali Z See Moses HW  
Ascherl GF Jr See Silver AJ  
Austin JHM See Turner RM  
Austin R See Sussman S  
Avant G See Ghishan FK  
Axel L See Kressel HY  
Axel L; Kressel HY; Thickman D; et al: NMR imaging of the chest at 0.12 T: initial clinical experience with a resistive magnet, (AJR), 141: 1157, 1983  
Ayers CA See Tegtmeyer CJ  
Azouz EM; Esseltine DW; Chevalier L; et al: radiologic evaluation of osteosarcoma (ab), 150: 856, 1984  
Azzawi Y-M See Rothman SLG

#### B

- Babcock DS; Kaufman RA: ultrasonography and computed tomography in the evaluation of the acutely ill pediatric patient, (RCNA), 21: 527, 1983  
Badami JP See Brant-Zawadzki M  
Bahn RC See Schreiman JS  
Bahr L See Giles DJ  
Baim RS See Perkes EA  
Baker BJ; Scovil JA; Kane JJ; et al: echocardiographic detection of right ventricular hypertrophy (ab), 150: 615, 1984  
Balfe DM; Mauro MA; Koehler RE; Lee JKT; Weyman PJ; Picus D; Peterson RR: gastrohepatic ligament: normal and pathologic CT anatomy, 150: 485, 1984  
Ball WS; Strife JL; Rosenkrantz J; Towbin RB; Noseworthy J: esophageal strictures in children: treatment by balloon dilatation, 150: 283, 1984  
Balogh GJ; Adler SJ; VanderWoude J; et al: pneumothorax as a complication of feeding tube placement, (AJR), 141: 1275, 1983  
Balthazar EJ See Subramanyam BR  
Balthazar EJ; Streiter M; Megibow AJ: anorectal giant condyloma acuminatum (Buschke-Loewenstein tumor): CT and radiographic manifestations, 150: 651, 1984  
Balthazar EJ; Subramanyam BR; Lefleur RS; Barone CM: solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, 150: 39, 1984  
Banks PM See Wilder WH  
Banna M; Olutola PS: orbital histiocytosis on computed tomography (ab), 150: 865, 1984  
Barash FS See Abramson SJ  
Barbaric ZL; Gomes AS; Deckard ME; et al: digital subtraction angiography with an isocan camera system: clinical applications, (AJR), 142: 143, 1984  
Bardfield PA; Harrison DA; Irwin GA; Buetow G: detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), 150: 842, 1984  
Bardfield PA; Harrison DA; Wasserstein G; Buetow G; Irwin GA: detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), 150: 843, 1984  
Baredes S See Silver AJ  
Barkin J See Hill MC  
Barnes GT See Chakraborty DP  
Barone CM See Balthazar EJ  
Barr M Jr; Hanson JW; Currey K; et al: holoprosencephaly in infants of diabetic mothers (ab), 150: 289, 1984  
Barrett JM See Boehm FH  
Barriga P; Cruz F; Lepe V; et al: ultrasonographically solid, tumor-like appearance of echinococcal cysts in the liver (ab), 150: 615, 1984  
Barth KH See Terry PB  
Barth MH See Roehm Jr JOF  
Bartol DT See Tisnado J  
Bass NM See Stark DD  
Bateman WJ See Vaughan ATM  
Batist G See Wenzel DJ  
Baum S See Lear JL  
Baumgarten K See Klingmuller V  
Bautovich GJ See Singer I  
Bayless TM See Jones B  
Beachley MC See Cho S-R  
Beachley MC See Tisnado J  
Becker GJ See Rowe DM  
Becker GJ See Scott JA  
Bellegotti L See Severini A  
Bellinger MF; Purohit GS; Duckett JW; et al: lacuna magna: a hidden cause of dysuria and bloody spotting in boys (ab), 150: 290, 1984

# Belloir

- Belloir A See Weill FS  
 Bellomi M See Severini A  
 Benjamin MV See Braun IF  
 Bennett V See Pickoff AS  
 Benson JE See Han JS  
 Benson KH; Watson RA; Deshon GE Jr; et al:  
 fractured catheter: unusual complication of  
 percutaneous nephrostomy (ab), 150: 858, 1984  
 Benson L See Kangaroo H  
 Berdon WE See Abramson SJ  
 Berdon WE; Dee G; Abramson SJ; Altman RP;  
 Wung J-T: bronchial obstruction: a radiographic  
 sign, 150: 691, 1984  
 Berenberg A See McNeil BJ  
 Berland LL; Lawson TL; Adams MB; et al:  
 evaluation of renal transplants with pulsed  
 Doppler duplex sonography (ab), 150: 300, 1984  
 Bernardino ME: percutaneous biopsy, (AJR), 142: 41,  
 1984  
 Bernardino ME; Small W; Goldstein J; et al:  
 multiple NMR T2 relaxation values in human  
 liver tissue, (AJR), 141: 1203, 1983  
 Beynon J; Slonim L; Kiss ZS; Morris C; Lau L: CT  
 appearance of a prosthetic methyl methacrylate  
 mass mistaken for abscess, 150: 506, 1984  
 Bezreh JS See Wetzel SM  
 Bhagwanani DG See Newmark H III  
 Bhandari AK; Nanda NC: myocardial texture  
 characterization by two-dimensional  
 echocardiography (ab), 150: 297, 1984  
 Bilaniuk LT See Zimmerman RA  
 Bischoff UK See Huland H  
 Bisset GS III; Hirschfield SS: univentricular heart  
 combined 2-dimensional-pulsed Doppler  
 (duplex) echocardiographic evaluation (ab), 150:  
 867, 1984  
 Bjork L See Wojciechowski J  
 Bjork L See Zackrisson BF  
 Bjorkholm E; Pettersson F; Einhorn N; et al: long-  
 term follow-up and prognostic factors in  
 ovarian carcinoma (ab), 150: 871, 1984  
 Blalock CP See Williams JP  
 Blane CE; Jongeward RH Jr; Silver TM:  
 sonographic features of hepatocellular disease  
 in neonates and infants, (AJR), 141: 1313, 1983  
 Blatt ES See Ramirez H Jr  
 Bleck EE; Minaire P: persistent medial deviation of  
 the neck of the talus: a common cause of in-  
 toeing in children (ab), 150: 614, 1984  
 Bledin AG See Kim EE  
 Blei L; Sihelnik S; Bloom D; et al: ultrasonographic  
 analysis of chronic intratesticular pathology  
 (ab), 150: 299, 1984  
 Blinder RA See Johnson DG  
 Bloom D See Blei L  
 Bodell LS See Levy JM  
 Bodner L See Sniderman KW  
 Bodner LJ See Saddekni S  
 Boehm FH; Fleischer AC; Barrett JM: sonographic  
 placental localization in the determination of  
 the site of uterine incision for placenta previa  
 (ab), 150: 869, 1984  
 Boehme JM See Choplin RH  
 Bolden R See Rivera H  
 Bonhof JA; Kremer H; Schumann G; et al:  
 sonographic appearance of a gastric  
 hemangiopericytoma (ab), 150: 298, 1984  
 Bonstelle CT See Han JS  
 Bookstein JJ See Lyon J  
 Bookstein JJ; Alazraki NP; Jassy LN: subselective  
 magnification angiography of experimental  
 pneumonia (ab), 150: 301, 1984  
 Borkowski GP See Buonocore E  
 Borkowski GP; Buonocore E; George CR; et al:  
 nuclear magnetic resonance (NMR) imaging in  
 the evaluation of the liver: a preliminary  
 experience (ab), 150: 864, 1984  
 Borten M; Dileo LA; Friedman EA: temporal  
 variations of temperature of the breast by  
 cholesterol liquid crystal contact plate  
 thermography (ab), 150: 856, 1984  
 Bosniak MA See Horii SC  
 Bothe A Jr See Lee RGL  
 Bottomley PA See Edelstein WA  
 Bottomley PA See Hart HR Jr  
 Bottomley PA; Hart HR Jr; Edelstein WA;  
 Schenck JF; Smith LS; Leue WM; Mueller OM;  
 Redington RW: anatomy and metabolism of the  
 normal human brain studied by magnetic  
 resonance at 1.5 Tesla, 150: 441, 1984  
 Botvinick EB See Stark DD  
 Botvinick EH See Lanzar P  
 Boven FA See Claes HP  
 Bowerman RA; Samuels BJ; Silver TM:  
 ultrasonographic features of hepatic adenomas  
 in type I glycogen storage disease (ab), 150: 298,  
 1984  
 Bowie JD; Kirks DR; Rosenberg ER; et al:  
 caudothalamic groove: value in identification of  
 germinal matrix hemorrhage by sonography in  
 preterm neonates, (AJR), 141: 1317, 1983  
 Brahme A: physical and biologic aspects on the  
 optimum choice of radiation modality (ab), 150:  
 872, 1984  
 Brain neoplasms See Healy JF  
 Brahava D See Grossman ZD  
 Brand F See Savage DD  
 Brant-Zawadzki M See Brasch RC  
 Brant-Zawadzki M See Kjos BO  
 Brant-Zawadzki M See Mills CM  
 Brant-Zawadzki M See Norman D  
 Brant-Zawadzki M; Badami JP; Mills CM;  
 Norman D; Newton TH: primary intracranial  
 tumor imaging: a comparison of magnetic  
 resonance and CT, 150: 435, 1984  
 Brasch RC; Gooding CA; Lallemand DP;  
 Wesbey GE: magnetic resonance imaging of the  
 thorax in childhood, 150: 463, 1984  
 Brasch RC; Nitecki DE; Brant-Zawadzki M; et al:  
 brain nuclear magnetic resonance imaging  
 enhanced by a paramagnetic nitroxide contrast  
 agent: preliminary report, (AJR), 141: 1019, 1983  
 Brasch RC; Wesbey GE; Gooding CA; Koerper MA:  
 magnetic resonance imaging of transfusional  
 hemosiderosis complicating thalassemia major,  
 150: 767, 1984  
 Braun IE; Lin JP; Benjamin MV; et al: computed  
 tomography of the asymptomatic postsurgical  
 lumbar spine: analysis of the physiologic scar,  
 (AJR), 142: 149, 1984  
 Braun SD; Moore AV Jr; Mills SR; et al: closed-  
 system venography in the evaluation of  
 angiodysplastic lesions of the extremities, (AJR),  
 141: 1307, 1983  
 Bree RL See Jafri SZH  
 Bresnitz EA See Epstein DM  
 Bricout PB See Krithivas G  
 Brigham SC See Grossman ZD  
 Broder GJ See Gatenby RA  
 Brodsky GL See Manzione JV  
 Bron KM See Zajko AB  
 Bronen RA; Glick SN; Teplick SK: diffuse  
 lymphoid follicles of the colon associated with  
 colonic carcinoma, (AJR), 142: 105, 1984  
 Broth E See Green Nathan  
 Brown ML: significance of the solitary lesion in  
 pediatric bone scanning: concise  
 communication (ab), 150: 613, 1984  
 Brown SB; Irwin KM; Enzmann DR: CT  
 characteristics of the normal pituitary gland  
 (ab), 150: 862, 1984  
 Brunelle F; Chaumont P: hepatic tumors in  
 children: ultrasonic differentiation of malignant  
 from benign lesions, 150: 695, 1984  
 Bryan PJ See El Youssef SJ  
 Bryan PJ See Paredes JG  
 Bryan PJ; Butler HE; Lipuma JP; et al: NMR  
 scanning of the pelvis: initial experience with a  
 0.3 T system, (AJR), 141: 1111, 1983  
 Buetow G See Bardfield PA  
 Buhler H See Heer M  
 Buonocore D See Grossman LB  
 Buonocore E See Borkowski GP  
 Buonocore E; Borkowski GP; Pavlicek W; et al:  
 NMR imaging of the abdomen: technical  
 considerations, (AJR), 141: 1171, 1983  
 Burgio GR See Wiedemann H-R  
 Burks RN See Pettigrew RI  
 Butler H; Alifidi RJ: variceal bleeding and computed  
 tomography (ab), 150: 866, 1984  
 Butler HE See Bryan PJ  
 Bydder GM See Johnson MA  
 Bynum TE See McNeil BJ  
 Byrne P; Leung JWC; Cotton PB: retroperitoneal  
 perforation during duodenoscopic  
 sphincterotomy, 150: 383, 1984

# C

- Cable HF See Ramirez H Jr  
 Cahill PT See Saddekni S  
 Cail DL See Krithivas G  
 Caille J-M; Gioux M; Arne P; et al: neurotoxicity of  
 nonionic iodinated water-soluble contrast media  
 in myelography: experimental study, (AJNR), 4:  
 1185, 1983  
 Callen PW See Chinn DH  
 Callen PW See Gross BH  
 Callen PW See Hart LP  
 Callen PW See Slotnick N  
 Campbell AN See Pearson ADJ  
 Campbell JB; Quattronani FL; Foley LC: Foley  
 catheter removal of blunt esophageal foreign  
 bodies: experience with 100 consecutive  
 children (ab), 150: 613, 1984  
 Camus P; Jeannin L: speculation on the mechanism  
 for amiodarone-induced pneumonitis (L), 150:  
 279, 1984  
 Camus P; Jeannin L: speculation on the mechanism  
 for amiodarone-induced pneumonitis: further  
 comment (L), 150: 280, 1984  
 Capek V See Mafee MF  
 Capron J-P See Papazian J  
 Carlson HC See Teeley SA  
 Caroline D See Levine MS  
 Carpenter J See Dymond DS  
 Carpenter RJ See Hadlock FP  
 Carrasquillo JA; Rogers JV; Williams DL; et al:  
 single-photon emission computed tomography  
 of the normal liver, (AJR), 141: 937, 1983  
 Carrera GF See SanDretto MA  
 Cartwright CA See Lyon J  
 Carusi PA See Robey G  
 Castaneda-Zuniga WR See Cragg AH  
 Castaneda-Zuniga WR See Salomonowitz E  
 Cavalliole F; Vitoux F; Petiet A; et al: thallium  
 uptake in fasted and nonfasted rats (ab), 150:  
 617, 1984  
 Cecchini A; Pezzotta S; Paoletti P; et al: dense  
 dermoids in craniocervical region (ab), 150: 865,  
 1984  
 Cenizal J See Cholkankil JV  
 Chafetz NI; Genant HK; Moon KL; et al:  
 recognition of lumbar disk herniation with  
 NMR, (AJR), 141: 1153, 1983  
 Chakraborty DP; Yester MV; Barnes GT;  
 Lakshminarayana AV: self-masking  
 subtraction tomography, 150: 225, 1984  
 Challenger JG; Winsberg F: echocardiographic  
 demonstration of pericardial fluid adjacent to  
 the right atrial wall (ab), 150: 615, 1984  
 Chan FL; Chow SP: retroperitoneal fibrosis after  
 anterior spinal fusion (ab), 150: 288, 1984  
 Chan H-P See Kodera Y  
 Chan W See Rabinovitch MA  
 Chandler WF See Knake JE  
 Chandrarna PAN; Aronow WS: genesis of the  
 systolic murmur of idiopathic hypertrophic  
 subaortic stenosis: phonocardiographic,  
 echocardiographic, and pulsed Doppler  
 ultrasound correlations (ab), 150: 615, 1984  
 Chapman AT See Cibis GW  
 Char D See Simmons JD  
 Chasen MH See Kilgore TL  
 Chaumont P See Brunelle F  
 Chejfer G; Jablonsky VR; Gould VE: linitis plastica  
 carcinoma of the esophagus (ab), 150: 854, 1984  
 Chen D-S See Sheu J-C  
 Chen JT; Ravin CE; Handel D: limited value of  
 interlaced ECG-gated radiography in the  
 presence of a normal chest radiograph, (AJR),  
 142: 65, 1984  
 Chen LY See Pan EY  
 Cherian K See Cherian MJ  
 Cherian MJ; Kumar EN; Cherian K; et al: prone  
 films of abdomen—a diagnostic tool in  
 intestinal obstruction in children (ab), 150: 613,  
 1984  
 Chernin MM See Hunter TB  
 Chevalier L See Azouz EM  
 Chilcote W See Go RT  
 Chinn DH; Callen PW: ultrasound of the acutely ill  
 obstetric and gynecologic patient, (RCNA), 21:  
 585, 1983  
 Cho S-R See Liu C-J  
 Cho S-R See Tisnado J  
 Cho S-R See Wood WA  
 Cho S-R; Schneider V; Beachley MC; et al:  
 carcinoma of the esophagus assessment of  
 submucosal extent (ab), 150: 854, 1984  
 Cholkankil JV; Cenizal J; Ketyer S; et al: diffuse  
 posterior hyperostosis of the cervical spine with  
 cord compression: a Forestier (DISH) variant  
 (ab), 150: 292, 1984  
 Choplin RH; Boehme JM; Cowan RJ; Gelfand DW;  
 Maynard CD; Park WC Jr; Volberg FM;  
 Williams RC: computer-assisted radiologic  
 reporting system, 150: 345, 1984  
 Chow SP See Chan FL  
 Christensen FK See Levy JM  
 Christiansen E See Thompson JR  
 Christie JH See Parker TW  
 Chrousos GP See Doppman JL  
 Chuang VP See Kim EE  
 Chun C See Federle MP  
 Chynn KY See Silver AJ  
 Cibis GW; Harris DJ; Chapman AL; et al:  
 mucopolipidosis I (ab), 150: 859, 1984  
 Cicchetti DV See Rosenfield FS  
 Claes HP; Reygaerts DO; Boven FA; Leemans J;  
 De Boeck M; Geurts JM: echo-free silicone  
 elastomer block for ultrasonography, 150: 596,  
 1984  
 Clagett GP See Cohen AJ  
 Clair MR See Perkes EA  
 Clappitt M See Han JS  
 Clappitt ME See Han JS  
 Clanton JA See Runge VM  
 Clark OH See Stark DD  
 Clark RA; Towbin R: abscess drainage with CT and  
 ultrasound guidance, (RCNA), 21: 445, 1983  
 Clarke-Pearson DL; Creasman WT;  
 Ralston M; et al: indium-labeled platelet  
 imaging of postoperative pelvic vein thrombi  
 (ab), 150: 870, 1984  
 Clayton PD See Giles DJ  
 Clogmann HM; DiCapo RD: hereditary hemorrhage  
 telangiectasia: sonographic findings in the liver,  
 150: 521, 1984  
 Clorius JH; Schmidlin P: exercise renogram, a new  
 approach documents renal involvement in  
 systemic hypertension (ab), 150: 616, 1984

- Clouse ME See Lee RGL  
 Clouse ME; Lee RGL; Evans DD: multicystic renal cell carcinoma (ab), 150: 296, 1984  
 Cochran ST See Sussman S  
 Cochran ST See Wong WS  
 Cochran ST; Wong WS; Roe DJ: predicting angiography-induced acute renal function impairment: clinical risk model. (AJR), 141: 1027, 1983  
 Cockington RA: pediatric chest (bk rev), 150: 700, 1984  
 Cohen AJ; Youkey JR; Clagett GP; et al: intramuscular hemangioma (ab), 150: 858, 1984  
 Cohen AM; Creviston S; LiPuma JP; et al: nuclear magnetic resonance imaging of the mediastinum and hilar: early impressions of its efficacy. (AJR), 141: 1163, 1983  
 Cohen MD; Weber TR; Grosfeld JL: bowel perforation in the newborn: diagnosis with metrizamide, 150: 65, 1984  
 Cole-Beuglet C; Schwartz GF; Kurtz AB; et al: ultrasound mammography for male breast enlargement (ab), 150: 868, 1984  
 Coleman CC See Salomonowitz E  
 Coleman RE See Johnson DG  
 Collins M See Evans TW  
 Colombo F See Vocaturo G  
 Come PC: transient right atrial thrombus during acute myocardial infarction: diagnosis by echocardiography (ab), 150: 867, 1984  
 Cone RO; Yaru N; Resnick D; et al: intracapsular pressure monitoring during arthrographic evaluation of painful hip prostheses. (AJR), 141: 885, 1983  
 Cone RO III See Resnick D  
 Cone RO III; Resnick D; Danzig L: shoulder impingement syndrome: radiographic evaluation, 150: 29, 1984  
 Conlan AA See Nicolaou N  
 Connell JMC; Hilditch TE; McCruden DC; et al: transient hypothyroidism following radioiodine therapy for thyrotoxicosis (ab), 150: 304, 1984  
 Cook PS; Datz FL; Disbro MA; Alazaki NP; Taylor AT: pulmonary uptake in indium-111 leukocyte imaging: clinical significance in patients with suspected occult infections, 150: 557, 1984  
 Cooperberg P See Jeanty P  
 Cope JR; Mosley HS; Haynie CC; et al: radiology of gastric reduction surgery for obesity (ab), 150: 287, 1984  
 Corey JJ See Harnsberger JK  
 Corneli HM See Jaffe RB  
 Cotton PB See Byrne P  
 Cowan RJ See Choplin RH  
 Cozzi G See Severini A  
 Cragg AH See Salomonowitz E  
 Cragg AH; Lund G; Rysavy JA; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K: percutaneous arterial grafting, 150: 45, 1984  
 Cragg AH; Lund G; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K: rotational kymography: technique for automated analysis of cine left ventriculograms, 150: 260, 1984  
 Crawford AH See Jacobsen ST  
 Crawford ES See Snyder DM  
 Creasman WT See Clarke-Pearson DL  
 Creviston S See Cohen AM  
 Croft DN See Young AE  
 Cronan JJ See White JM  
 Cronan JJ; Amis ES Jr; Yoder IC; et al: peripelvic cysts: an impostor of sonographic hydronephrosis (ab), 150: 301, 1984  
 Cronan JJ; Simeone JF; Pfister RC; et al: cystoscopy in the detection of bladder tumors: a prospective and retrospective study (ab), 150: 301, 1984  
 Crooks LE See Hricak H  
 Crooks LE See Lanzer P  
 Crooks LE See Mano I  
 Crooks LE See Mills CM  
 Crooks LE See Moss AA  
 Crooks LE See Stark DD  
 Crooks LE See Webb WR  
 Crooks LE; Hoenninger J; Arakawa M; Watts J; McCarten B; Sheldon P; Kaufman L; Mills CM; Davis PL; Margulis AR: high-resolution magnetic resonance imaging: technical concepts and their implementation, 150: 163, 1984  
 Crouse I See Kerekes DJ  
 Crowell RM See Kistler JP  
 Cruz F See Barriga P  
 Cunningham-Rundles S See Metroka CE  
 Currarino G; Williams B; Dana K: kidney length correlated with age: normal values in children, 150: 703, 1984  
 Curry K See Barr M Jr  
 Curry J; Lubin JH; Lessell S: chronic isolated abducens paresis from tumors at the base of the brain (ab), 150: 292, 1984  
 Curry NS See Sussman S  
 Curry NS See Andersen BL  
 Curry NS: ectopic ureteral orifice masquerading as a urethral diverticulum. (AJR), 141: 1325, 1983  
 Curtin HD See Rothfus WE  
 Curtin HD: radiologic approach to paragangliomas of the temporal bone (opin), 150: 837, 1984  
 Czembirek H See Salomonowitz E
- ## D
- Dach JL See Hill MC  
 Dailey E See Hartmann DS  
 D'Alecy LG See Gabrielsen TO  
 Damuth HD Jr; Diamond AB; Rappoport AS; et al: angioplasty of subclavian artery stenosis proximal to the vertebral origin. (AJNR), 4: 1239, 1983  
 Dana K See Currarino G  
 Danchin N; Thisse JY; Neimann JL; et al: Osler-Weber-Rendu disease with multiple intrahepatic arteriovenous fistulas (ab), 150: 867, 1984  
 Daneman A; Mancer K; Sonley M: CT appearance of thickened nerves in neurofibromatosis. (AJR), 141: 899, 1983  
 Daniels DL; Williams AL; Haughton VM: jugular foramen: anatomic and computed tomographic study. (AJR), 142: 153, 1984  
 Danzig L See Cone RO III  
 Danziger A See Zimmerman RD  
 Datz FL See Cook PS  
 Daumas-Duport C; Meder JF; Monsaingeon V; et al: cerebral gliomas: malignancy, limits, and spatial configuration (ab), 150: 861, 1984  
 David CL See Kerlin P  
 Davidson TM See Polansky A  
 Davis KR See Kistler JP  
 Davis PL See Crooks LE  
 Davis PL See Lanzer P  
 Davis PL See Moss AA  
 Davis PL See Stark DD  
 Day JL See Stanton L  
 De Boeck M See Claes HP  
 Debrun G See Vinuela F  
 Deckard ME See Barbaric ZL  
 Dee G See Berdon WE  
 Deeb ZL See Sefczek DM  
 Deimling M See Huk W  
 Delgoffe C See Picard L  
 Demierre B; Rondot P: dystonia caused by putamino-capsulo-caudate vascular lesions (ab), 150: 860, 1984  
 Denham JW; Strickland P; Alderson AM; et al: interstitial radiation therapeutic techniques at Mount Vernon Hospital (ab), 150: 870, 1984  
 Depped G See Gleicher N  
 Deramond H; Remond A; Thiebot J; et al: neurologic manifestations revealing pulmonary arteriovenous fistulas (ab), 150: 861, 1984  
 Deshon GE Jr See Benson KH  
 Desmet AA; Reckling FW; McNamara GR: radiographic classification of ankle injuries (ab), 150: 856, 1984  
 Deter RL See Hadlock FP  
 Deutsch M See Slasky BS  
 Deveney CW See Stark DD  
 De Villiers SJ See Olivier LR  
 De Vries L; Levene ME: measurement of renal size in preterm and term infants by real-time ultrasound (ab), 150: 613, 1984  
 Diamond AB See Damuth HD Jr  
 DiCapo RD See Clogman HM  
 Dileo LA See Borten M  
 DiPietro M See Rosenfield NS  
 Disbro MA See Cook PS  
 Ditschuneit H See Swobodnik W  
 Dobben GD See Rothman SLG  
 Dobben GD: improved reconstructed CT images of the spine (ab), 150: 866, 1984  
 Doby T: tribute to Sven-Ivar Seldinger. (AJR), 142: 1, 1984  
 Doi K See Ishida M  
 Doi K See Kodera Y  
 Doppman JL See Dwyer AJ  
 Doppman JL See Krudy AG  
 Doppman JL; Gorton M: adrenal ablation by retrograde venous ethanol injection: an ineffective and dangerous procedure, 150: 667, 1984  
 Doppman JL; Oldfield E; Krudy AG; Chrousos GP; Schulte HM; Schaaf M; Loriaux DL: petrosal sinus sampling for Cushing syndrome: anatomical and technical considerations, 150: 99, 1984  
 Dorwart RH See Sullivan WT  
 Dory MA: arthrographic recognition of the mediopatellar plica of the knee (L), 150: 608, 1984  
 Dos Santos LA See Lewis BS  
 Drane WE: myositis ossificans and the three-phase bone scan. (AJR), 142: 179, 1984  
 Drukier A-K See Reiser M  
 D'Souza VJ See Glass TA  
 D'Souza VJ See Velazquez G  
 Dubbins PA See Lewis E  
 Duchesneau RH See El Youssef SJ  
 Duckett JW See Bellinger MF
- Ducroix J-P See Papazian A  
 Duessdieker GA See Mack LA  
 Dugstad G See Amundsen P  
 Dumas J-M See Raymond J  
 Dunaway CL See Williams JP  
 Duncan JD See Halvorsen RA  
 Dunn F See O'Brien WD Jr  
 Dutton JW See Hodgins GW  
 Dworkin HJ See Nagle CE  
 Dwyer AJ; Doppman JL: recurrent neuroblastoma: determining the frequency of follow-up examinations (L), 150: 607, 1984  
 Dyer IA See Singer I  
 Dymond DS; Grenier RP; Carpenter J; Schmidt DH: first-pass radionuclide angiography via pulmonary arterial catheters, a critical analysis of background components, 150: 819, 1984
- ## E
- Eckhauser F See Strodel WE  
 Eckhauser FE See Agha FP  
 Edelstein WA See Bottomley PA  
 Edelstein WA See Hart HR Jr  
 Edelstein WA; Bottomley PA; Hart HR; et al: signal, noise, and contrast in nuclear magnetic resonance (NMR) imaging (ab), 150: 864, 1984  
 Effeney DJ; Friedman MB; Gooding GAW: iliofemoral venous thrombosis: real-time ultrasound diagnosis, normal criteria, and clinical application, 150: 787, 1984  
 Egan RL; McSweeney MB: intramammary lymph nodes (ab), 150: 612, 1984  
 Ehyai A; Freeman FR: progressive optic neuropathy and sensorineural hearing loss due to chronic glue sniffing (ab), 150: 291, 1984  
 Ein SH; Stringer DA; Stephens CA; et al: recurrent tracheoesophageal fistulas, seventeen-year review (ab), 150: 859, 1984  
 Einhorn N See Bjorkholm E  
 Eischencher A; Schweg-Topfner E; Pelletier G; et al: rhythmic sonographic palpation (echoseismography) of the breast: a new technique to differentiate benign and malignant tumors using ultrasound and tissue elasticity (ab), 150: 301, 1984  
 Eischencher A; Jacquemard P; Jouffroy J; et al: abdominal ultrasound in the upright position using real-time techniques (ab), 150: 297, 1984  
 Eischencher A; Schweg-Topfner E; Pelletier G; et al: rhythmic sonographic palpation (echoseismography), a new technique for malignant, benign tumor differentiation by a sonographic approach of tumor elasticity (ab), 150: 867, 1984  
 Eklof O; Olsson H: variability of urographic findings in posterior urethral valves (ab), 150: 860, 1984  
 Ekstrand NL; Maynard CD; Sprinkle MD: comprehensive information service for an academic radiology department. (AJR), 141: 1077, 1983  
 Ellis DA See Grossman ZD  
 Ellis K See Turner RM  
 Ellman BAH See Wynne JM  
 El Youssef SJ See Han JS  
 El Youssef SJ; Duchesneau RH; Alfidi RJ; Haaga JR; Bryan PJ; LiPuma JP: nuclear magnetic resonance imaging of the breast: work in progress, 150: 761, 1984  
 Engel J Jr; Kuhl DE; Phelps ME; et al: local cerebral metabolism during partial seizures (ab), 150: 291, 1984  
 Engelholm SA See Kjaer M  
 Enneking WF See Hudson TM  
 Ennow K See Stockel M  
 Enzmann DR See Brown SB  
 Epstein BM; Tanne D: haematoma in the transverse mesocolon secondary to acute pancreatitis (ab), 150: 296, 1984  
 Epstein DM See Gefter WB  
 Epstein DM; Miller WT; Bresnitz EA; et al: application of ILO classification to a population without industrial exposure: findings to be differentiated from pneumoconiosis. (AJR), 142: 53, 1984  
 Erikson U; Aberg T; Klingens G: catheter pericardiothorax in the postoperative period (ab), 150: 857, 1984  
 Esguerra AC See Aranha GV  
 Eseltine DW See Azouz EM  
 Evans DD See Clouse ME  
 Evans TW; Collins M; Adams JE et al: pulmonary calcification in a renal transplant recipient (ab), 150: 295, 1984  
 Evens RG: oncologic diagnostic radiology: the question of need (opin), 150: 273, 1984  
 Evens RG; Siegel BA; Welch MJ; et al: cost analyses of positron emission tomography for clinical use. (AJR), 141: 1073, 1983  
 Evill CA See Sage MR  
 Eyer WR: sixty-ninth scientific assembly and annual meeting (edit), 150: 603, 1984



## F

- Fahmy A See Wilson DA  
 Fairbanks LA See Ungerleider JT  
 Famularo M; Vasilomanolakis EC; Schrager B; et al: percutaneous transluminal angioplasty of aortocoronary saphenous vein graft: morphologic observations (ab), 150: 857, 1984  
 Fanders BL See Agha FP  
 Farrar FM See Grossman ZD  
 Farrenkopf E: sonography and endoscopy as mutually complementary diagnostic methods (ab), 150: 298, 1984  
 Federle MP See Hashimoto BE  
 Federle MP See Jeffrey RB  
 Federle MP See Moon KL Jr  
 Federle MP See Robertson J  
 Federle MP See Stark DD  
 Federle MP See Wall SD  
 Federle MP See Wong WS  
 Federle MP: computed tomography of blunt abdominal trauma, (RCNA), 21: 461, 1983  
 Federle MP; Chun G; Jeffrey RB; et al: computed tomographic findings in bowel infarction, (AJR), 142: 91, 1984  
 Feigin DS: pulmonary cryptococcosis: radiologic-pathologic correlates of its three forms, (AJR), 141: 1263, 1983  
 Feldman MI See Krithivas G  
 Felson B; Ralaisomay G: carcinoma of the lung complicating lipid pneumonia, (AJR), 141: 901, 1983  
 Ferrucci JT Jr See Fineberg HV  
 Ferrucci JT Jr See Neff CC  
 Fields WR See Tinsano J  
 Filly RA See Gross BH  
 Filly RA See Slotnick N  
 Fineberg HV; Wittenberg J; Ferrucci JT Jr; et al: clinical value of body computed tomography over time and technologic change, (AJR), 141: 1067, 1983  
 Finer NN; Robertson CM; Peters KL; et al: factors affecting outcome in hypoxic-ischemic encephalopathy in term infants (ab), 150: 613, 1984  
 Firooznia H See Golimbu C  
 Fischer F; Franken T; Molitor D: new simple procedure for immersion sonography of scrotum in real-time technique (ab), 150: 299, 1984  
 Fisher DR See Vaughan ATM  
 Fishman EK See Scatarige JC  
 Fitzpatrick PJ; Tepperman BS: carcinoma of the floor of the mouth (ab), 150: 864, 1984  
 Flachs K: röntgenologische herzvolumenbestimmung (bk rev), 150: 6, 1984  
 Fleischer AC See Boehm FH  
 Fletcher BD; Jacobstein MD; Nelson AD; Riemenschneider TA; Alfidi RJ: gated magnetic resonance imaging of congenital cardiac malformations, 150: 137, 1984  
 Fletcher BD; Scoles PV; Nelson AD: osteomyelitis in children: detection by magnetic resonance, 150: 57, 1984  
 Foley LC See Campbell JB  
 Fong T-L See Radin DR  
 Formanek AG See Glass TA  
 Forrest JV See Olson LK  
 Foster WL Jr See Thompson WM  
 Fowler AA; Hamman RF; Good JT; et al: adult respiratory distress syndrome: risk with common predispositions (ab), 150: 611, 1984  
 Fox AJ See Vinuela F  
 Frank PH See Kerber GW  
 Franken EA See Peterson CM  
 Franken T See Fischer P  
 Frederick P See Giles DJ  
 Freedman RM See Gewolb IH  
 Freeman FR See Ehyai A  
 Freiburger R: thoughts on the diagnosis of bone tumors (opin), 150: 276, 1984  
 Freitas J See Nagle CE  
 Frey CF See Porter BA  
 Friberg TR; Grove AS Jr: choroidal folds and refractive errors associated with orbital tumors (ab), 150: 863, 1984  
 Frick MP; O'Leary JF; Salomonowitz E; Stollenberg P; Hutton S; Gedgaudas E: pancreas imaging by computed tomography after endoscopic retrograde pancreatography, 150: 191, 1984  
 Frick MP; Salomonowitz E; Hanto DW; et al: CT of abdominal lymphoma after renal transplantation, (AJR), 142: 97, 1984  
 Friedman EA See Borten M  
 Friedman M See Arab M  
 Friedman MB See Effeney DJ  
 Friedman PJ See Olson LK  
 Frohlich H: transaxillary abdominal angiography: use of the sidewinder-pigtail catheter, 150: 265, 1984  
 Fujita S See Wakabayashi T  
 Fulton RR See Singer I  
 Furui S; Otomo K; Iai Y; Iio M: hepatocellular carcinoma treated by transcatheter arterial embolization: progress evaluated by computed tomography, 150: 773, 1984

Furuya H See Tomoda H

## G

- Gabrielsen TO See Gebarski SS  
 Gabrielsen TO See Williams DM  
 Gabrielsen TO; D'Alecy LG; Knake JE; et al: effect of head turning on blood flow in lateral sinuses of nonhuman primates, (AJNR), 4: 1219, 1983  
 Gacek RR: pathology of jugular foramen neurofibroma (ab), 150: 294, 1984  
 Gadoth N See Hadar H  
 Gaffey TA See Nichols DA  
 Gaisie G; Young LW; Oh KS: late-onset Bochdalek's hernia with obstruction: radiographic spectrum of presentation (ab), 150: 289, 1984  
 Gale ME See Pugatch RD  
 Gallis HA See Halvorsen RA  
 Gamsu G See Stark DD  
 Gamsu G See Webb WR  
 Ganti SR See Silver AJ  
 Garcia JF: arthrographic visualization of rotator cuff tears: optimal application of stress to the shoulder, 150: 595, 1984  
 Garn SM; Smith BH; LaVelle M: applications of pattern profile analysis to malformations of the head and face, 150: 683, 1984  
 Garnett ES; Nahmias C; Kenyon DB; et al: positron emission tomography to study brain metabolism in man (ab), 150: 872, 1984  
 Garrison RJ See Savage DD  
 Gass MA; Gould HR; Roggensack GF; et al: lymphatic changes in retroperitoneal lipomatosis (ab), 150: 296, 1984  
 Gatenby RA; Mulhern CB Jr; Broder GJ; Moldofsky PJ: computed-tomographic-guided biopsy of small apical and peripheral upper-lobe lung masses, 150: 591, 1984  
 Gates GF; Green GS: transient reduction in renal function following arteriography: a radionuclide study (ab), 150: 870, 1984  
 Gauderer MWL See Pades JG  
 Gaunt JJ See Young AE  
 Gebarski SS; Gabrielsen TO; Knake JE; et al: posterior circulation intracranial arterial occlusive disease in neurofibromatosis, (AJNR), 4: 1245, 1983  
 Gedgaudas E See Frick MP  
 Gedgaudas-McCles RK: aphthoid ulcerations in ileocolic candidiasis, (AJR), 141: 973, 1983  
 Gelfer WB; Pietra GG; Epstein DM; Miller WT: speculation on the mechanism for amiodarone-induced pneumonitis: reply (L), 150: 280, 1984  
 Geisinger M See Go RT  
 Geisinger MA See Risis B  
 Gelfand DW See Choplin RH  
 Gelfand DW See Ott DJ  
 Genant HK See Chafetz NI  
 Genereux GP: review. conventional tomographic hilar anatomy emphasizing the pulmonary veins, (AJR), 141: 1241, 1983  
 George B; Reizine D; Laurian C; et al: tinnitus of venous origin (ab), 150: 861, 1984  
 George C See Go RT  
 George CR See Borkowski GP  
 George FW See Green Nathan  
 Georgiou E; Alevizaki C; Proukakis C: preoperative scintigraphic evaluation of the liver and biliary tract in Caroli's disease (ab), 150: 870, 1984  
 Gerber KH; Higgins CB: quantitation of size of myocardial infarctions by computerized transmission tomography: comparison with hot-spot and cold-spot radionuclide scans (ab), 150: 866, 1984  
 Gericke D See Muhlberger G  
 Geurts JM See Claes HP  
 Gewolb IH; Freedman RM; Kleinman CS; et al: prenatal diagnosis of a human pseudoacardiac anomaly (ab), 150: 868, 1984  
 Chahremani GG See Karoll MP  
 Ghishan FK; Greene HL; Avant G; et al: chronic relapsing pancreatitis in childhood (ab), 150: 290, 1984  
 Gianturco C See Roehm Jr JOF  
 Gibney RG See Mac Erlan DP  
 Giese K See Newiger H  
 Giglia RV See Gleicher N  
 Giles DJ; Thomas RJ; Osborn AG; Clayton PD; Miller M; Bahr L; Frederick P; O'Connor G; Ostler D: lumbar spine: pretest predictability of CT findings, 150: 719, 1984  
 Gioux M See Caille J-M  
 Girtan M See Doppman JL  
 Givold JJ See Schreiman JS  
 Gittelman MC See Levy OM  
 Glass RBJ See Mendelsohn DB  
 Glass TA See Velasquez G  
 Glass TA; Armstrong P; Minor GR; et al: computed tomographic features of round atelectasis (ab), 150: 295, 1984  
 Glass TA; D'Souza VJ; Velasquez G; Formanek AG; Meredith J; Albertson D: manipulation of vena cava filters: locked-catheter technique, 150: 258, 1984  
 Glazer HS See Levitt RG  
 Gleicher N; Giglia RV; Depped G; et al: direct diagnosis of unruptured ectopic pregnancy by real-time ultrasonography (ab), 150: 616, 1984  
 Glenn WV Jr See Rothman SLG  
 Glick SN See Bronen RA  
 Glick SN; Gohel VK; Laufer I: mucosal surface patterns of the duodenal bulb: subject review, 150: 317, 1984  
 Glimelius B; Graffman S; Pahlman L; et al: preoperative irradiation with high-dose fractionation in adenocarcinoma of the rectum and rectosigmoid (ab), 150: 871, 1984  
 Go RT; MacIntyre WJ; Yeung HN; Kramer DM; Geisinger M; Chilcote W; George C; O'Donnell JK; Moodie DS; Meaney TE: volume and planar gated cardiac magnetic resonance imaging: a correlative study of normal anatomy with thallium-201 SPECT and cadaver sections, 150: 129, 1984  
 Gobien RP See Andersen BL  
 Gobien RP See Vujic I  
 Godwin JD See Osborne D  
 Godwin JD See Williford ME  
 Godwin JD; Korobkin M: acute disease of the aorta: diagnosis by computed tomography and ultrasonography, (RCNA), 21: 551, 1983  
 Gohel VK See Glick SN  
 Gold RH See Kangaroo H  
 Goldberg HI See Kerlan RK Jr  
 Goldberg HI See Moss AA  
 Goldberg HI See Stark DD  
 Goldberg HI See Zimmerman RA  
 Goldenberg NJ See Thickman DI  
 Golding SJ See Husband JE  
 Goldman KJ See Miller TR  
 Goldsmith JF See Strashun AM  
 Goldstein J See Bernardino ME  
 Goldstein MS; Rush M; Johnson P; Sprung CL: calcified adenocarcinoma of the lung with very high CT numbers, 150: 785, 1984  
 Goldstein SR; Subramanyam BR; Raghavendra BN; et al: subchorionic bleeding in threatened abortion: sonographic findings and significance, (AJR), 141: 975, 1983  
 Golimbu C; Firooznia H; Rafii M: CT of osteomyelitis of the spine, (AJR), 142: 159, 1984  
 Gomes AS See Barbicari ZL  
 Gomez MZ See Vogel H  
 Gondos B: bones and joints in diabetes mellitus. vol. 4 in series in radiology (bk rev), 150: 326, 1984  
 Gooch WM III See Johnson JP  
 Good JT See Fowler AA  
 Gooding CA See Brasch RC  
 Gooding GAW See Effeney DJ  
 Gooding GAW See Stark DD  
 Gorlin RJ See Leonard MS  
 Gottschalk A See Muhlberger G  
 Gould HR See Gass MA  
 Gould VE See Cheffec G  
 Graffman S See Glimelius B  
 Graham D See Sanders R  
 Graham D; Sanders RC: ultrasound-directed transvaginal aspiration biopsy of pelvic masses (ab), 150: 299, 1984  
 Grant EG; Schellinger D; Richardson JD: real-time ultrasonography of the posterior fossa (ab), 150: 289, 1984  
 Grantham JJ See Levine E  
 Graor RA See Risis B  
 Grassley D See Rabinovitch MA  
 Gray JE; Stears JG; Lopez F; Wondrow MA: fluoroscopic imaging: quantitation of image lag or smearing, 150: 563, 1984  
 Green GS See Gates GF  
 Green Nathan; Broth E; George FW; et al: radiation therapy in bulky seminoma (ab), 150: 871, 1984  
 Green RP See Surkin MI  
 Greene HL See Ghishan FK  
 Greenes RA See McNeil JB  
 Greenleaf JF See Schreiman JS  
 Greenwood LH; Hallett JW Jr; Yrizarry JM; et al: diffuse arterial narrowing after thromboembolism with the Fogarty balloon catheter, (AJR), 142: 141, 1984  
 Greenwood LH; Yrizarry JM; Hallett JW Jr; et al: urokinase treatment of Budd-Chiari syndrome, (AJR), 141: 1057, 1983  
 Greiner L; Ulatowski L; Prohm P: sonographically guided and surgical alcohol injection of the coeliac ganglion for intractable upper abdominal pain through malignomas (ab), 150: 298, 1984  
 Grenadier E; Alpan G; Keidar S; et al: prevalence of ruptured chordae tendinae in the mitral valve prolapse syndrome (ab), 150: 615, 1984  
 Grenier RP See Dymond DS  
 Greyson ND See Noyek AM  
 Griffith RC See McAlister WH  
 Griggs RC See Kurlan R



- Grime JS See Sagar S  
Grimson BS; Simons KB: orbital inflammation, myositis, and systemic lupus erythematosus (ab), 150: 863, 1984  
Grinnell VS See Stanley P  
Grossfeld JL See Cohen MD  
Gross BH See Harter LP  
Gross BH; Callen PW; Filly RA: relationship of fetal transverse body diameter and biparietal diameter in the diagnosis of intrauterine growth retardation (ab), 150: 869, 1984  
Grossman LB; Buonocone D; Modic MT; Meaney TF: digital subtraction angiography of the thoracic aorta, 150: 323, 1984  
Grossman ZD; Ellis DA; Brigham SC; Farrar FM; Sternick AN; Brahava D: digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism (L), 150: 843, 1984  
Grove AS Jr See Friberg TR  
Gruentzig A See Hall D  
Grunholz J See Scholmerich J  
Guedj G See Labrune M  
Guthaner DF See Kim D  
Guthaner DF See Shapeero LG

## H

- Haaga JR See El Youssef SJ  
Haaga JR See Han JS  
Hadar H; Gadot N; Heifetz M: fatty replacement of lower paraspinal muscles: normal and neuromuscular disorders, (AJR), 141: 895, 1983  
Hadlock FP; Deter RL; Harrist RB; et al: date-independent predictor of intrauterine growth retardation: femur length/abdominal circumference ratio, (AJR), 141: 979, 1983  
Hadlock FP; Harrist RB; Carpenter RJ; Deter RL; Park SK: sonographic estimation of fetal weight: the value of femur length in addition to head and abdomen measurements, 150: 535, 1984  
Hadlock FP; Harrist RB; Deter RL; et al: prospective evaluation of fetal femur length as a predictor of gestational age (ab), 150: 869, 1984  
Hadlock FP; Kent WR; Loyd JL; et al: evaluation of two methods for measuring fetal head and body circumferences (ab), 150: 868, 1984  
Haesslein HC See McCahan JP  
Haggag AM See Watt AC  
Hall D; Gruentzig A: percutaneous transluminal coronary angioplasty: current procedure and future direction, (AJR), 142: 13, 1984  
Hall DA See Hann LE  
Hall FM: reassessment of the routine double-contrast examination of the esophagus (L), 150: 278, 1984  
Hallett JW Jr See Greenwood LH  
Halls JM See Radin DR  
Halpern SE See Pettigrew RI  
Halvorsen RA See Thompson WM  
Halvorsen RA; Duncan JD; Merten DF; Gallis HA; Putman CE: pulmonary blastomycosis: radiologic manifestations, 150: 1, 1984  
Hamilton I; Lintott DG; Rudell WSJ; et al: endoscopic retrograde cholangiogram and pancreatogram in chronic liver disease (ab), 150: 854, 1984  
Hamilton SR See Jones B  
Hamlin DJ See Hudson TM  
Hamman RF See Fowler AA  
Hammerslag SB: basic neuroradiology (bk rev), 150: 718, 1984  
Han JS; Benson JE; Bonstelle CT; Alfidi RJ; Kaufman B; Levine M: magnetic resonance imaging of the orbit: a preliminary experience, 150: 755, 1984  
Han JS; Bonstelle CT; Kaufman B; Benson JE; Alfidi RJ; Clappitt M; Van Dyke C; Huss RG: magnetic resonance imaging in the evaluation of the brainstem, 150: 705, 1984  
Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Youssef SJ; Clappitt M; Bonstelle CT; Huss R: head trauma evaluated by magnetic resonance and computed tomography: a comparison, 150: 71, 1984  
Han JS; Kaufman B; El Youssef SJ; et al: NMR imaging of the spine, (AJR), 141: 1137, 1983  
Han SY See Tishler JM  
Handel D See Chen JTT  
Haney PJ See Allen HA  
Hann LE; Hall DA; McArdle CR; Seibel M: polycystic ovarian disease: sonographic spectrum, 150: 531, 1984  
Hanson DG See Stanley RB Jr  
Hanson JW See Barr M Jr  
Hanto DW See Frick MP  
Harder D See Newiger H

- Harley JD See Mack LA  
Harner SG See Wilder WH  
Harnsberger JK; Corey JJ; Johnson DG; et al: long-term follow-up of surgery for gastroesophageal reflux in infants and children (ab), 150: 289, 1984  
Harris CC See Johnson DG  
Harris DJ See Cibis GW  
Harris GJ: subperiosteal abscess of the orbit (ab), 150: 862, 1984  
Harrison DA See Bardfield PA  
Harrist RB See Hadlock FP  
Hart HR See Edelstein WA  
Hart HR Jr See Bottomley PA  
Hart HF Jr; Bottomley PA; Edelstein WA; et al: nuclear magnetic resonance imaging: contrast-to-noise ratio as a function of strength of magnetic field, (AJR), 141: 1195, 1983  
Harter LP; Gross BH; Callen PW; et al: ultrasonic evaluation of abdominal aortic thrombus (ab), 150: 867, 1984  
Hartmann DS; Pyatt RS; Dailey E: transitional cell carcinoma of the kidney with invasion of the renal vein (ab), 150: 855, 1984  
Hassagawa H See Takayasu K  
Hashimoto BE; Laing FC; Jeffrey RB Jr; Federle MP: hemorrhagic pancreatic fluid collections examined by ultrasound, 150: 803, 1984  
Haskin ME See Teplick JG  
Hassell P: gastrointestinal manifestations of neurofibromatosis in children: a report of two cases (ab), 150: 859, 1984  
Hasso AN See Thompson JR  
Haughton VM See Daniels DL  
Hawkins IF Jr See Hudson TM  
Haynes JW; Miller PR; Steiger Z; Leichman LP; Kling GA: Celestin tube use: radiographic manifestations of associated complications, 150: 41, 1984  
Haynie CC See Cope JR  
Haynie TP See Kim EE  
Head computed tomography See Healy JF  
Healy JF; Brain neoplasms;  
Head computed tomography: false sulcus: an early sign of intracranial mass (ab), 150: 865, 1984  
Heaston DK See Kelvin FM  
Heaney DJ See Lyon J  
Heer M; Pirovano M; Buhler H; et al: diabetic megacolon—a rare late complication (ab), 150: 611, 1984  
Heifetz M See Hadar H  
Heilbron D See Stark DD  
Heindel W See Huk W  
Helgenberger H: sectional planes of sonographic upper abdomen diagnosis (ab), 150: 297, 1984  
Helman CA See Tishler JM  
Henschke CI See Olson LK  
Herfkens R See Lanzer P  
Herlinger H See Levine MS  
Hernandez RJ: concentric reduction of the dislocated hip: computed-tomographic evaluation, 150: 266, 1984  
Hertzau Y See Mendelsohn DB  
Hessel SJ See Levy JM  
Heuser L See Niehuus B  
Hibri NS See Ramirez H Jr  
Higgins CB See Gerber KH  
Higgins CB See Lanzer P  
Higgins CB See Stark DD  
Hilal SK See Silver AJ  
Hiliditch TE See Connell JMC  
Hill CA: bronchioloalveolar carcinoma: a review, 150: 15, 1984  
Hill JL See Miller D  
Hill MC; Dach JL; Barkin J; et al: role of percutaneous aspiration in the diagnosis of pancreatic abscess, (AJR), 141: 1035, 1983  
Hill TC See Lee RGL  
Hilton S See Subramanyam BR  
Hinshaw DB Jr See Thompson JR  
Hirschfeld SS See Bisset GS III  
Ho K-J See Shin MS  
Hodgins GW; Dutton JW: subclavian and carotid angioplasties for Takayasu's arteritis (ab), 150: 857, 1984  
Hoenninger J See Crooks LE  
Holden RW See Rowe DM  
Holts S See Torngquist C  
Homer MJ: transection of the localization hooked wire during breast biopsy, (AJR), 141: 929, 1983  
Hopper DW See Stelling CB  
Horii SC See Subramanyam BR  
Horii SC; Bosniak MA; Megibow AJ; et al: correlation of CT and ultrasound in the evaluation of renal lymphoma (ab), 150: 855, 1984  
Horiuchi J; Okuyama T; Matsubara S; et al: extranodal non-Hodgkin's lymphoma in the head and neck: irradiation and clinical course (ab), 150: 871, 1984  
Hoshiai M See Tomoda H  
Hricak H See Jeffrey RB  
Hricak H; Alpers C; Crooks LE; et al: magnetic resonance imaging of the female pelvis: initial experience, (AJR), 141: 1119, 1983  
Hricak H; Jeffrey RB: sonography of acute scrotal abnormalities, (RCNA), 21: 595, 1983

- Hricak H; Williams RD; Spring DB; et al: anatomy and pathology of the male pelvis by magnetic resonance imaging, (AJR), 141: 1101, 1983  
Hudson TM; Vandergriend RA; Springfield DS; Hawkins IF Jr; Spanier SS; Enneking WF; Hamlin DJ: aggressive fibromatosis: evaluation by computed tomography and angiography, 150: 495, 1984  
Huebener K-H; Treugut H: adrenal cortex dysfunction: CT findings, 150: 195, 1984  
Huk W; Heindel W; Deimling M; et al: nuclear magnetic resonance (NMR) tomography of the central nervous system: comparison of two imaging sequences (ab), 150: 864, 1984  
Huland H; Bischoff UK: is serial iodohippurate renography at the bedside reliable enough to monitor renal transplants? (ab), 150: 616, 1984  
Hunter DW See Salomonowitz E  
Hunter TB; Paplanus SH; Chernin MM; et al: dermoid cyst of the floor of the mouth: CT appearance, (AJR), 141: 1239, 1983  
Husband JE See Levitt RG  
Husband JE; Golding SJ: role of computed tomography-guided needle biopsy in an oncology service (ab), 150: 296, 1984  
Huss R See Han JS  
Huss RG See Han JS  
Hutton S See Frick MP

## I

- Iio M See Araki T  
Iio M See Furui S  
Innes GS See Sutcliffe JF  
Inouye T See Araki T  
Irwin GA See Bardfield PA  
Irwin GAI See Bardfield PA  
Irwin KM See Brown SB  
Ishida M; Doi K; Loo L-N; Metz CE; Lehr JL: digital image processing: effect on detectability of simulated low-contrast radiographic patterns, 150: 569, 1984  
Israel HL See Wechsler RJ  
Isu T See Miyasaka K  
Itai Y See Furui S  
Iwasaki Y See Miyasaka K

## J

- Jablakow VR See Chejfec G  
Jacobsen ST; Crawford AH: humeroradial synostosis (ab), 150: 860, 1984  
Jacobstein MD See Fletcher BD  
Jacquemard P See Eizenscher A  
Jaffe RB; Corneli HM: fluoroscopic removal of ingested alkaline batteries, 150: 585, 1984  
Jafri SZH; Bree RL; Silver TM; Ouimette M: fetal ovarian cysts: sonographic detection and association with hypothyroidism, 150: 809, 1984  
Jansen W See Niehuus B  
Janssen RS; Kaye AD; Lisak RP; et al: radiologic evaluation of the mediastinum in myasthenia gravis (ab), 150: 853, 1984  
Januzik SJ See O'Brien WD Jr  
Jaschke W; Kaick G; Peter S; et al: accuracy of computed tomography in staging of kidney tumors (ab), 150: 614, 1984  
Jassy LN See Bookstein JJ  
Jeannin L See Camus P  
Jeanty P; Ammann W; Cooperberg P; et al: mobile intraluminal masses of the gallbladder (ab), 150: 298, 1984  
Jeanty P; Renoy P; Van Kerkem J; et al: ultrasonic demonstration of the amnion (ab), 150: 300, 1984  
Jeffrey RB See Federle MP  
Jeffrey RB See Hricak H  
Jeffrey RB See Laing FC  
Jeffrey RB See Wall SD  
Jeffrey RB; Federle MP: CT and ultrasonography of acute renal abnormalities, (RCNA), 21: 515, 1983  
Jeffrey RB; Laing FC: high-resolution real-time sonography of fetal cardiovascular anatomy (ab), 150: 300, 1984  
Jeffrey RB; Laing FC; Hricak H; et al: sonography of testicular trauma, (AJR), 141: 993, 1983  
Jeffrey RB Jr See Hashimoto BE  
Jeffrey RB Jr See Kerlan RK Jr  
Jensen OM See Schifter S  
Jette D See Rozenfeld M  
Jewell WR See Mansfield CM  
Jimenez JF See Stannard MW  
Johansson R See Wojciechowski J  
Johansson R See Zackrisson BF  
Johnson DG See Harnsberger JK  
Johnson DG; Johnson SM; Harris CC; Piantadosi CA; Blinder RA; Coleman RE: Ga-67 uptake in the lung in sarcoidosis, 150: 551, 1984

# Johnson

- Johnson JP; Carey JC; Gooch WM III; et al: femoral hypoplasia, unusual facies syndrome in infants with diabetic mothers (ab), 150: 860, 1984
- Johnson MA; Pennock JM; Bydder GM; et al: clinical NMR imaging of the brain in children: normal and neurologic disease, (AJR), 141: 1005, 1983
- Johnson ML See Pettigrew RI
- Johnson P See Goldstein MS
- Johnson SM See Johnson DG
- Jones B; Bayless TM; Hamilton SR; et al: "bubbly" duodenal bulb in celiac disease: radiologic-pathologic correlation, (AJR), 142: 119, 1984
- Jongeward RH Jr See Blane CE
- Joseph RB See Levy JM
- Joslyn JN See Williams JP
- Jouffroy J See Eisenschner A
- Juni JE See Rabinovitch MA

# K

- Kaick G See Jaschke W
- Kalff V See Rabinovitch MA
- Kane JJ See Baker BJ
- Kangaroo H; Gold RH; Benson L; et al: sonography of extrathoracic left-to-right shunts in infants and children, (AJR), 141: 923, 1983
- Karoll MP; Ghahremani GG; Port RB; et al: diagnosis and management of intraluminal duodenal diverticulum (ab), 150: 611, 1984
- Katzberg RW See Manzione JV
- Katzen BT: percutaneous transluminal angioplasty for arterial disease of the lower extremities, (AJR), 142: 23, 1984
- Kaude JV See Reeder JD
- Kaude JV: width of the common bile duct in relation to age and stone disease, an ultrasonographic study (ab), 150: 615, 1984
- Kaufman B See Han JS
- Kaufman L See Crooks LE
- Kaufman L See Lanzer P
- Kaufman L See Mills CM
- Kaufman L See Moss AA
- Kaufman L See Stark DD
- Kaufman RA See Babcock DS
- Kavanagh J See Kim EE
- Kaye AD See Janssen RS
- Keen SJ See Rauchkolb EN
- Keidar S See Grenadier E
- Kellam J See Rubenstein J
- Kelly KM See Sussman S
- Kelvin FM; Korobkin M; Heaston DK; et al: pelvis after surgery for rectal carcinoma: serial CT observations with emphasis on nonneoplastic features, (AJR), 141: 959, 1983
- Kempi V; Persson BRR: evaluation of renal function parameters with simultaneously administered <sup>99m</sup>Tc-DTPA and <sup>131</sup>I-hippuran (ab), 150: 617, 1984
- Kennerdel JS See Rothfus WE
- Kent WR See Hadlock FP
- Kenyon DB See Garnett ES
- Kerber GW; Frank PH: carcinoma of the small intestine and colon as a complication of Crohn disease: radiologic manifestations, 150: 639, 1984
- Kereikes AJ; Anderson DJ; Crouse L; et al: apical hypertrophic cardiomyopathy (ab), 150: 867, 1984
- Kerlan RK Jr See Ring EJ
- Kerlan RK Jr; Pogany AC; Goldberg HJ; et al: interventional radiology rounds: University of California, San Francisco, percutaneous biliary drainage in the management of cholangiocarcinoma, (AJR), 141: 1295, 1983
- Kerlan RK Jr; Ring EJ; Pogany AC; Jeffrey RB Jr: biliary endoprosthesis. Insertion using a combined peroral-transhepatic method, 150: 828, 1984
- Kerlin P; David GL; McGill DB; et al: hepatic adenoma and focal nodular hyperplasia: clinical, pathologic, and radiologic features (ab), 150: 854, 1984
- Kessler KM; Anzola E; Sequeira R; et al: mitral valve prolapse and systolic anterior motion: a dynamic spectrum (ab), 150: 615, 1984
- Kessler SM See Surkin MI
- Ketyer S See Cholakierl JV
- Kilgore TL; Chasen MH: endobronchial non-Hodgkin's lymphoma (ab), 150: 853, 1984
- Kim D; Guthaner DF; Wexler L; et al: isolated total occlusion of the left main coronary artery, (AJR), 141: 1304, 1983
- Kim EE; Bledin AG; Kavanagh J; Haynie TP; Chuang VP: chemotherapy of cervical carcinoma: use of Tc-99m-MAA infusion to predict drug distribution, 150: 677, 1984
- Kim KS; Rogers LF; Lee C: dural lucent line: characteristic sign of hyperostosing meningioma en plaque, (AJR), 141: 1217, 1983
- Kirks DR See Bowie JD

- Kiser LC See Wetznar SM
- Kiser PE See Olson LK
- Kishi K See Takayasu K
- Kiss ZS See Beynon J
- Kistler JP; Crowell RM; Davis KR; et al: relation of cerebral vasospasm to the extent and location of subarachnoid blood visualized by CT scan: a prospective study (ab), 150: 291, 1984
- Kiwi R See Parulekar SG
- Kjaer M; Engelholm SA: clinical course and prognosis of patients with renal adenocarcinoma with solitary metastasis (ab), 150: 303, 1984
- Kjos BO; Brant-Zawadzki M; Young RG: early CT findings of global central nervous system hypoperfusion, (AJR), 141: 1227, 1983
- Kleinman CS See Gewolb IH
- Kling GA See Haynes JW
- Klingen G See Erikson U
- Klingmuller V; Abidun P; Baumgarten K: sonographic examination of gallbladder kinetics in childhood—a comparison between healthy children and mucoviscidosis patients (ab), 150: 290, 1984
- Klose K See Schild H
- Knake JE See Gabrielsen TO
- Knake JE See Gebarski SS
- Knake JE See Williams DM
- Knake JE; Chandler WF; McGillicuddy JE; et al: intraoperative sonography of intraspinal tumors: initial experience, (AJNR), 4: 1199, 1983
- Kneeland JB See Saddekni S
- Knight LC See Maurer AH
- Knol JA See Agha FP
- Kodera Y; Schmidt RA; Chan H-P; Doi K: backscatter from metal surfaces in diagnostic radiology, 150: 231, 1984
- Koehler PR; Mancuso AA: pitfalls in the diagnosis of retroperitoneal adenopathy (ab), 150: 855, 1984
- Koehler RE See Balfe DM
- Koerper MA See Brach RC
- Kofler TJ See Tegtmeyer CJ
- Kolmannskog F See Smevik B
- Kondo M; Murakami Y; Saito S; et al: radiation therapy of early glottic carcinoma (ab), 150: 870, 1984
- Koo AH See Nakazawa G
- Kopans DB See Meyer JE
- Koral K See Rabinovitch MA
- Korobkin M See Godwin JD
- Korobkin M See Kelvin FM
- Korobkin M See Silverman PM
- Kotula F See Salomonowitz E
- Kramer DM See Go RT
- Krasicky GA See Watt AC
- Kremer H See Bonhof JA
- Kressel HY See Axel L
- Kressel HY See Levine MS
- Kressel HY; Axel L; Thickman D; et al: NMR imaging of the abdomen at 0.12 T: initial clinical experience with a resistive magnet, (AJR), 141: 1179, 1983
- Kretschmar KA See Sheflin JR
- Kristensen K See Stockel M
- Krithivas G; Feldman MI; Cail DL; Bricout PB; Reyes BL: interstitial radiotherapy of the base of the tongue: improved non-looping afterloading technique, 150: 601, 1984
- Kroboth FJ See Muder RR
- Krongrad E See Silverman JA
- Krudy AG See Doppman JL
- Krudy AG; Doppman JL; Shawker TH; et al: hyperfunctioning cystic parathyroid glands: CT and sonographic findings, (AJR), 142: 175, 1984
- Kruger RA See Sherry RG
- Kubler M: sonographic diagnosis of cystic and calcifying liver processes (ab), 150: 298, 1984
- Kufass T; Lindman CR: cystic duplication of the colon combined with nonrotation anomaly imitating pyloric stenosis (ab), 150: 860, 1984
- Kuhl DE See Engel J Jr
- Kuhl DE: imaging local brain function with emission computed tomography, 150: 625, 1984
- Kumar EN See Cherian MJ
- Kuppusswami N; Vindekilde J; Sethi CM; et al: diagnosis and treatment of cervical pregnancy (ab), 150: 868, 1984
- Kurlan R; Griggs RC: cyanotic congenital heart disease with suspected stroke (ab), 150: 291, 1984
- Kurosaki Y See Uchida H
- Kurtz AB See Cole-Beuglet C
- Kurtz AB See Lewis E
- Kurtz AB; Wapner RJ: ultrasonic diagnosis of second-trimester skeletal dysplasias: a prospective analysis in a high-risk population (ab), 150: 869, 1984

# L

- Labruno M; Guedj G; Vial M; et al: antenatal diagnosis of Caffey disease (ab), 150: 860, 1984
- Laing FC See Hashimoto BE
- Laing FC See Jeffrey RB
- Laing FC: diagnostic evaluation of patients with suspected acute cholecystitis, (RCNA), 21: 477, 1983
- Laing FC; Stamler CE; Jeffrey RB: ultrasonography of the fetal subarachnoid space (ab), 150: 300, 1984
- Lakshminarayanan AV See Chakraborty DP
- Lallemend DP See Brach RC
- Lalli AF; Williams B; Maynard E: iohehexal in urography (ab), 150: 856, 1984
- LaMasters D See Simmons JD
- Lambert PR See Lo WWM
- Lamki N See Raval B
- Lamki N; Raval B: computed tomographic diagnosis of hepatic metastases in fatty infiltration (ab), 150: 295, 1984
- Lampman R See Rabinovitch MA
- Lange PH See Salomonowitz E
- Lanzer P See Stark DD
- Lanzer P; Botvinick EH; Schiller NB; Crooks LE; Arakawa M; Kaufman L; Davis PL; Herfkens R; Lipton MJ; Higgins CB: cardiac imaging using gated magnetic resonance, 150: 121, 1984
- Latack JT See Williams DM
- Latchaw RE: computed tomography of the spine and spinal cord. modern neuroradiology, vol. 1 (bk rev), 150: 484, 1984
- Lattuada A See Severini A
- Lau L See Beynon J
- Laufer I See Glick SN
- Laufer I See Levine MS
- Laurian C See George B
- LaVelle M See Garn SM
- Law RG; MacRae KD: head circumference as an index of fetal age (ab), 150: 300, 1984
- Lawson TL See Berland LL
- Lawson TL: acute pancreatitis and its complications: computed tomography and sonography, (RCNA), 21: 495, 1983
- Lear JL; Ring EA; Macoviac JA; Baum S: percutaneous transhepatic electrohydraulic lithotripsy, 150: 589, 1984
- Lee C See Kim KS
- Lee CM See Sheflin JR
- Lee JKT See Balfe DM
- Lee ME See Scales FE
- Lee RGL See Clouse ME
- Lee RGL; Hill TC; Lickich JJ; Bothe A Jr; Moore C; Clouse ME: use of technetium-99m macroaggregated albumin to evaluate the position and condition of totally implanted venous and arterial access devices, 150: 593, 1984
- Lee YS See Spencer RP
- Leeds NE See Zimmerman RD
- Leemans J See Claes HP
- Lefleur RS See Balthazar EJ
- Lefleur RS See Subramanyam BR
- Lehr JL See Ishida M
- Leichman LP See Haynes JW
- Leonard CO See Stokes DC
- Leonard MS; Gorlin RJ: nature of the mandibular lesion in Melnick-Needles syndrome (L), 150: 844, 1984
- Lepe V See Barriga P
- Lepke RA; Pagani JJ: computed tomography of a thrombosed left inferior vena cava (ab), 150: 296, 1984
- Lerman B See Rabinovitch MA
- Lessell S See Currie J
- Lester RG: RSNA '83: gold medalists and honorary members (edit), 150: 839, 1984
- Leue WM See Bottomley PA
- Leung JWC See Byrne F
- Levine MI See De Vries L
- Levine E; Grantham JJ; Slusher SL; et al: CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, (AJR), 142: 125, 1984
- Levine M See Han JS
- Levine MS: radiologic evaluation of E. coli meningitis after a ventriculoperitoneal shunt, (AJNR), 4: 1247, 1983
- Levine MS; Caroline D; Thompson JJ; Kressel HY; Laufer I; Herlinger H: adenocarcinoma of the esophagus: relationship to Barrett mucosa, 150: 305, 1984
- Levitt RG; Husband JE; Glazer HS: CT of primary germ-cell tumors of the mediastinum, (AJR), 142: 73, 1984
- Levy JM; Hessel SJ; Christensen FK; et al: digital subtraction arteriography for spinal arteriovenous malformation, (AJNR), 4: 1217, 1983
- Levy JM; Joseph RB; Bodell LS; et al: prostaglandin EI in hand angiography, (AJR), 141: 1043, 1983
- Levy OM; Gittelman MC; Strashun AM; et al: diagnosis of acute testicular torsion using radionuclide scanning (ab), 150: 870, 1984

- Levy RM See Mano I  
 Lewis BJ See Moon KL Jr  
 Lewis BS; Agathangelou NE; Dos Santos LA; et al: real-time 2-dimensional echocardiographic visualization of thrombus on a Bjork-Shiley mitral valve prosthesis (ab), 150: 297, 1984  
 Lewis E; Kurtz AB; Dubbins PA; et al: real-time ultrasonographic evaluation of normal fetal adrenal glands (ab), 150: 300, 1984  
 Lieberman AJ See Mitnick JS  
 Lieberman RM: positive gallium scan in retroperitoneum fibrosis, (AJR), 141: 949, 1983  
 Lightfoot DA See Stanton L  
 Lima CO; Valdes-Cruz LM; Allen HD; et al: prognostic value of left ventricular size measured by echocardiography in infants with total anomalous pulmonary venous drainage (ab), 150: 858, 1984  
 Lin JP See Braun IF  
 Lin JP See Mitnick JS  
 Lindfors KK See Meyer JE  
 Lindman AN; Voorhees ML; MacGillivray MH: multicystic ovaries in primary hypothyroidism (ab), 150: 613, 1984  
 Link DP See Porter BA  
 Lintott DG See Hamilton I  
 Lipchik EO; Ogren C: contrast media hyperemia and Doppler measurements in peripheral arterial disease, (AJR), 142: 133, 1984  
 Lipton MJ See Lanzer P  
 Lipton MJ See Stark DD  
 LiPuma JP See Bryan PJ  
 LiPuma JP See Cohen AM  
 LiPuma JP See El Yousef SJ  
 Lisak RP See Janssen RS  
 Little W See Sagar S  
 Liu C-I; Cho S-K; Shaw C-I; et al: medial indentation of the duodenal sweep by a dilated inferior vena cava, (AJR), 141: 1287, 1983  
 Lo WWM See Solti-Bohman LG  
 Lo WWM; Solti-Bohman LG: high-resolution CT of the jugular foramen: anatomy and vascular variants and anomalies, 150: 743, 1984  
 Lo WWM; Solti-Bohman LG; Lambert PR: high-resolution CT in the evaluation of glomus tumors of the temporal bone, 150: 737, 1984  
 Lo WWM; Zapanla E: pneumatization of the occipital bone as a cause of radiolucent skull lesions, (AJNR), 4: 1249, 1983  
 Lodwick CS: radiologist's role in the management of chondrosarcoma (opin), 150: 275, 1984  
 Lokich JJ See Lee RGL  
 London SS See Wong WS  
 Long SA See Slutsky RA  
 Loo L-N See Ishida M  
 Lopez F See Gray JE  
 Loriaux DL See Doppman JL  
 Loyd JL See Hadlock FP  
 Lu CC: new, safe balloon enema tip, 150: 835, 1984  
 Lubin JH See Currie J  
 Ludwig G See Weiss H  
 Ludwig JW: digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism: reply (L), 150: 844, 1984  
 Lukehart CM See Runge VM  
 Lukes SJ See Nishiyama H  
 Lulu RE See Nakazawa G  
 Lund G See Cragg AH  
 Lund G See Salomonowitz E  
 Lurie H See Mukamel E  
 Luska G; Poser H: acute pancreatitis in obstructive jaundice following combined internal and external percutaneous transhepatic duct drainage (PTBD) (ab), 150: 857, 1984  
 Lyon J; Bookstein JJ; Cartwright CA; Romano A; Heeney DJ: peliosis hepatis: diagnosis by magnification wedged hepatic angiography, 150: 647, 1984
- M**
- McAlister WH; Griffith RC: cystographic contrast media: clinical and experimental studies, (AJR), 141: 997, 1983  
 McAllister VL See Pearson ADJ  
 McArdle C See Sussman S  
 McArdle CR See Hann LE  
 McCarten B See Crooks LE  
 MacCarty RL See Nichols DA  
 McClain CJ See Potter T  
 McClellan BL See Wadsworth DE  
 McComb BL See Ramirez H J  
 McCruden DC See Connell JMC  
 MacEgan DW: radiology workload system for diagnostic radiology (ab), 150: 857, 1984  
 Mac Erlan DP; Gibney RG: radiological management of abdominal abscess (ab), 150: 297, 1984  
 MacEwan DW See Margulis AR  
 McGahan JP; Haesslein HC; Meyers M; et al: sonographic recognition of in utero intraventricular hemorrhage, (AJR), 142: 171, 1984  
 McGill DB See Kerlin P  
 McGillicuddy JE See Nkake JE  
 MacGillivray MH See Lindsay AN  
 McGonigal D See Rubenstein J  
 Machida T See Araki T  
 MacIntyre WJ See Go RT  
 Mack LA; Duesdieker GA; Harley JD; et al: CT of acetabular fractures: postoperative appearances, (AJR), 141: 891, 1983  
 McLaughlin AF See Singer I  
 McLean A; Paul RE Jr; Philipps E; et al: chronic erosive gastritis resulting in cachexia (ab), 150: 288, 1984  
 McLean AM; Paul RE; Philipps E; et al: chronic erosive gastritis—clinical and radiological features (ab), 150: 854, 1984  
 McMonigle EM See Solti-Bohman LG  
 McNamara GR See DeSmet AA  
 McNeil BJ; Wijesinha A; Bynum TE; Greenes RA; Berenberg A; Van Houten FX; Ratnoffsky S; Millan D; Abrams HL: selection criteria for upper gastrointestinal examinations: attempts at improvement, 150: 311, 1984  
 Macoviak JA See Lear JL  
 Macpherson P: comparison of iopamidol with three other contrast media in orbital venography/cavernous sinography (ab), 150: 293, 1984  
 Macpherson P; Teasdale E: comparison of iopamidol with metrizamide in sub-occipital ventriculography/cisternography (ab), 150: 292, 1984  
 Macpherson P; Teasdale E; Macpherson PY: radiology: is routine bed rest really necessary? (ab), 150: 293, 1984  
 Macpherson P See Macpherson P  
 MacRae KD See Law RG  
 MacSweeney MB See Egan RL  
 Mafee MF; Selig JE; Yannias DA; Valvassori GE; Pruzansky S; Applebaum EL; Capek V: congenital sensorineural hearing loss, 150: 427, 1984  
 Magaram DL See Solti-Bohman LG  
 Magistretti PL See Uren RF  
 Maglente DDT: reassessment of the routine double-contrast examination of the esophagus: reply (L), 150: 278, 1984  
 Maglente DDT; Miller RE: simplified method for imaging the anterior gastroduodenal wall by double-contrast study, (AJR), 141: 971, 1983  
 Magnusson K See Von Der Maase H  
 Mahler F See Probst P  
 Malzacher F See Pfitzenmaier N  
 Mancor F See Daneman A  
 Mancuso AA See Koehler PR  
 Mankin HJ See Rosenthal DI  
 Manning FA See Thompson TR  
 Mano I; Levy RM; Crooks LE; et al: proton nuclear magnetic resonance imaging of acute experimental cerebral ischemia (ab), 150: 295, 1984  
 Mansfield CM; Jewell WR: intraoperative interstitial implantation of iridium 192 in the breast, 150: 600, 1984  
 Mantyla M; Toivanen JT; Pitkanen MA; et al: radiation-induced changes in regional blood flow in human tumors (ab), 150: 303, 1984  
 Manzione JV; Katzbach RW; Brodsky GL; Seltzer SE; Mellins HZ: internal derangements of the temporomandibular joint: diagnosis by direct sagittal computed tomography, 150: 111, 1984  
 Marcus CS; Parker LS; Rose JG; et al: uptake of Tc-99m MAA by the liver during a thromboscintigram/lung scan (ab), 150: 302, 1984  
 Margulis AR See Crooks LE  
 Margulis AR See Moss AA  
 Margulis AR: nuclear magnetic resonance imaging—present status (ab), 150: 864, 1984  
 Margulis AR; Abrams HL; MacEwan DW; et al: international symposium: the impact of new imaging technology on health care, research, and teaching: 1. current status, (AJR), 141: 1335, 1983  
 Margulis AR; Shapiro HA: Barrett esophagus (opin), 150: 602, 1984  
 Markowitz RI See Rosenfield NS  
 Marsh JL See Vannier MW  
 Marshall V; Williams DC; Smith KD: diaphanography as a means of detecting breast cancer, 150: 339, 1984  
 Martel W See Pennes DR  
 Martel W See Williams DM  
 Martin WMC: multiple daily fractions of radiation in the palliation of pain from bone metastases (ab), 150: 303, 1984  
 Martinez S See Apple JS  
 Martinez-Vazquez JM See Ocana I  
 Matsubara S See Horiuchi J  
 Mattrey RF See Slutsky RA  
 Maul KI See Shirazi KK  
 Maurer AH; Knight LC: detection of deep venous thrombosis with Tc-99m sulfur colloid (L), 150: 842, 1984  
 Maurer AH; Knight LC: detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), 150: 842, 1984  
 Mauro MA See Balfe DM  
 Mauro MA See Vincent LM  
 Mawad ME See Silver AJ  
 Maynard CD See Choplin RH  
 Maynard CD See Ekstrand NL  
 Maynard E See Lalli AF  
 Meagher-Villemure K See Villemure J-G  
 Meaney TF See Go RT  
 Meaney TF See Grossman LB  
 Meaney TF: magnetic resonance without nuclear (opin), 150: 277, 1984  
 Meder JF See Daumas-Duport C  
 Megibow AJ See Balharaz EJ  
 Megibow AJ See Horii SC  
 Melanson D See Milette PC  
 Mellins HZ See Manzione JV  
 Mellon WS Jr See Newmark H III  
 Mendelsohn DB; Hertzanu Y; Glass RB; et al: giant complex odontoma of the maxillary antrum (ab), 150: 294, 1984  
 Mercer LJ; Petres RE; Smeltzer JS: ultrasonic diagnosis of ectopia cordis (ab), 150: 869, 1984  
 Meredith J See Glass TA  
 Merten DF See Halvorsen RA  
 Metroka CE; Cunningham-Rundles S; Pollack MS; et al: generalized lymphadenopathy in homosexual men (ab), 150: 857, 1984  
 Mettler FA Jr See Parker TW  
 Mettler FA Jr See Wicks JD  
 Metz CE See Ishida M  
 Meyenburg M See Wegner R-C  
 Meyer JE; Kopans DB; Stomper PC; Lindfors KK: occult breast abnormalities: percutaneous preoperative needle localization, 150: 335, 1984  
 Meyer JE; Taveras JM; Stomper PC: oncologic diagnostic radiology: a model for implementation (opin), 150: 271, 1984  
 Meyers M See McGahan JP  
 Milette PC; Melanson D: reappraisal of lumbar discography (ab), 150: 856, 1984  
 Millan D See McNeil BJ  
 Miller D; Hill JL; Sun C-C; et al: diagnosis and management of pyriform sinus fistulae in infants and young children (ab), 150: 859, 1984  
 Miller DL; Rosenbaum RC; Sugarbaker PH; et al: detection of hepatic metastases: comparison of EOE-13 computed tomography and scintigraphy, (AJR), 141: 931, 1983  
 Miller JDR: editorial: diagnosis of the herniated lumbar disc (ab), 150: 856, 1984  
 Miller M See Giles DJ  
 Miller PR See Haynes JW  
 Miller RE See Maglente DDT  
 Miller RE: radiology of the small bowel: modern enteroclysis technique and atlas (bk rev), 150: 344, 1984  
 Miller TR; Goldman KJ; Sampathkumaran KS; et al: analysis of cardiac diastolic function: application in coronary artery disease (ab), 150: 302, 1984  
 Miller WT See Epstein DM  
 Miller WT See Gelfer WB  
 Mills CM See Brant-Zawadzki M  
 Mills CM See Crooks LE  
 Mills CM See Norman D  
 Mills CM; Brant-Zawadzki M; Crooks LE; et al: nuclear magnetic resonance: principles of blood flow imaging, (AJR), 142: 165, 1984  
 Mills CM; Crooks LE; Kaufman L; Brant-Zawadzki M: cerebral abnormalities: use of calculated T1 and T2 magnetic resonance images for diagnosis, 150: 87, 1984  
 Mills SR See Braun SD  
 Mills SR See Roberts L Jr  
 Minaire P See Bleck EE  
 Minor GR See Glass TA  
 Mintzer RA See Perlman SJ  
 Mitnick JS; Pinto RS; Lin JP; Rose H; Lieberman A: CT of thrombosed arteriovenous malformations in children, 150: 385, 1984  
 Mittelstaedt CA See Vincent LM  
 Miyake H See Sakai M  
 Miyasaka K; Ito T; Iwasaki Y; et al: high resolution computed tomography in the diagnosis of cervical disc disease (ab), 150: 862, 1984  
 Modic MT See Grossman LB  
 Modic MT; Weinstein MA; Pavlicek W; et al: magnetic resonance imaging of the cervical spine: technical and clinical observations, (AJR), 141: 1129, 1983  
 Moldofsky PJ See Gatenby RA  
 Moller D See Fischer P  
 Moller A: pleural effusion: use of the semi-supine position for radiographic detection, 150: 245, 1984  
 Monsaingeon V See Daumas-Duport C  
 Moodie DS See Go RT  
 Moon KL See Chafetz NI  
 Moon KL Jr; Federle MP; Abrams DI; Volberding P; Lewis BJ: Kaposi sarcoma and lymphadenopathy syndrome: limitations of abdominal CT in acquired immunodeficiency syndrome, 150: 479, 1984  
 Moore AV Jr See Braun SD  
 Moore C See Lee RGL  
 Moriyama N See Takayasu K



## Morris

- Morris C See Beynon J  
 Morris JG See Singer I  
 Moseley HS See Cope JR  
 Moses HW; Taylor GJ; Asali Z; et al: coronary artery spasm causing myocardial infarction (ab), 150: 287, 1984  
 Moss AA See Stark DD  
 Moss AA See Wong WS  
 Moss AA; Goldberg HI; Stark DB; Davis PL; Margulis AR; Kaufman L; Crooks LE: hepatic tumors: magnetic resonance and CT appearance, 150: 141, 1984  
 Moyle JW; Rochester D; Sider L; et al: sonography of ovarian tumors: predictability of tumor type, (AJR), 141: 985, 1983  
 Muchmore HG See Wilson DA  
 Muder RI; Reddy SC; Yu VL; Kroboth FJ: pneumonia caused by Pittsburgh pneumonia agent: radiologic manifestations, 150: 633, 1984  
 Mueller OM See Bottomley PA  
 Mueller PR See Neff CC  
 Mueller PR; Simeone JF: intraabdominal abscesses: diagnosis by sonography and computed tomography, (RCNA), 21: 425, 1983  
 Muhlberger G; Gottschalk A; Gericke D: needle biopsy and metastasis. investigation in rats (ab), 150: 288, 1984  
 Mukamel E; Servadio C; Lurie H: combined external radiotherapy and hormonal therapy for localized carcinoma of the prostate (ab), 150: 872, 1984  
 Mulhern CB Jr See Gatenby RA  
 Muller HA See Schild H  
 Murakami Y See Kondo M  
 Muramatsu Y See Takayasu K  
 Musk AW: relation of pulmonary vessel size to transfer factor in subjects with airflow obstruction, (AJR), 141: 915, 1983

## N

- Nagle CE; Freitas J; Dworkin HJ: cholecystography in cholelithic cancer (ab), 150: 616, 1984  
 Nahmias C See Garnett ES  
 Nakazawa G; Lulu RE; Koo AH: intracerebellar coccidioid granuloma, (AJNR), 4: 1243, 1983  
 Nanda NC See Bhandari AK  
 Neff CC; Simeone JF; Wittenberg J; Mueller PR; Ferrucci JT Jr: inflammatory pancreatic masses: problems in differentiating focal pancreatitis from carcinoma, 150: 35, 1984  
 Neimann JL See Danchin N  
 Nejatheid M See Strashun AM  
 Nellen JR See Rasmussen KK  
 Nelson AD See Fletcher BD  
 Neumann CH See Sartoris DJ  
 Newiger H; Giese K; Harder D: measuring the time of flight of ultrasonic pulses with local resolution (ab), 150: 297, 1984  
 Newmark H III; Mellon WS Jr; Bhagwanani DG; et al: carotid body tumor seen on computed tomography (ab), 150: 865, 1984  
 Newton TH See Brant-Zawadzki M  
 Nguyen KB See Robey G  
 Nichols DA; MacCarty RL; Gaffey TA: cholangiographic evaluation of bile duct carcinoma, (AJR), 141: 1291, 1983  
 Nicolaou N; Conlan AA: congenital bronchoesophageal fistula (ab), 150: 287, 1984  
 Niehues B; Heuser L; Jansen W; et al: noninvasive detection of intracardiac tumors by ultrasound and computed tomography (ab), 150: 297, 1984  
 Nirapathpongorn S; Osatavanichvong K; Udompanich O; Pakan P: pneumoperitoneum detected by ultrasound, 150: 831, 1984  
 Nishiyama H; Lukes SJ; Saenger EL: low-level internal radionuclide contamination: use of gamma camera for detection, 150: 235, 1984  
 Nishizawa S See Sano A  
 Nitecki DE See Brasch RC  
 Noble RC See Stelling CB  
 Norman D See Brant-Zawadzki M  
 Norman D; Mills CM; Brant-Zawadzki M; et al: magnetic resonance imaging of the spinal cord and canal: potentials and limitations, (AJR), 141: 1147, 1983  
 Noseworthy J See Ball WS  
 Noyek AM; Greyson ND; Steinhardt MI; et al: thyroid tumor imaging (ab), 150: 294, 1984  
 Nunley JA See Apple JS

## O

- Obley DL; Slasky BS; Peel RL; et al: bone-forming gastric metastases in muscle—computed tomographic demonstration (ab), 150: 866, 1984

- O'Brien WD Jr; Januzik SJ; Dunn F: ultrasound biologic effects: a suggestion of strain specificity (ab), 150: 872, 1984  
 Ocana I; Martinez-Vazquez JM; Segura RM; et al: adenosine deaminase in pleural fluids: test for diagnosis of tuberculous pleural effusion (ab), 150: 853, 1984  
 O'Connor G See Giles DJ  
 O'Donnell JK See Go RT  
 Ogren C See Lipchik EO  
 Oh KS See Gaisie G  
 Ohbora Y See Wakabayashi T  
 Ohishi H See Uchida H  
 Okazaki N See Takayasu K  
 Okuyama T See Horiuchi J  
 Oldfield E See Doppman JL  
 O'Leary JF See Erick MP  
 Olivier LR; Rossouw DS; De Villiers SJ; et al: ventricular septal defect due to blunt chest trauma (ab), 150: 287, 1984  
 Olson LK; Forrest JW; Friedman PJ; Kiser PE; Henschke CL: pneumonitis after amiodarone therapy, 150: 327, 1984  
 Olsson H See Eklof O  
 Olutola PS See Banna M  
 Osatavanichvong K See Nirapathpongorn S  
 Osborn AG See Giles DJ  
 Osborne D: improved head support for prone myelographic and CT examinations, (AJR), 141: 1025, 1983  
 Osborne D; Vock P; Godwin JD; et al: CT identification of bronchopulmonary segments: 50 normal subjects, (AJR), 142: 47, 1984  
 Ostler D See Giles DJ  
 Otomo K See Furuji S  
 Ott DJ; Gelfand DW; Wu WC; et al: colon polyp morphology on double-contrast barium enema: its pathologic predictive value, (AJR), 141: 965, 1983  
 Ouimette M See Jafri SZH

## P

- Packer RJ See Zimmerman RA  
 Pagani JJ See Lepke RA  
 Pagani JJ See Sussman S  
 Pahlman L See Glimelius B  
 Pakan P See Nirapathpongorn S  
 Pan EY; Chen LY; Yang JZ; et al: radiographic diagnosis of meconium peritonitis. a report of 200 cases including six fetal cases (ab), 150: 859, 1984  
 Paoletti P See Cecchini A  
 Papazian A; Capron J-P; Ducroix J-P; et al: mucosal bridges of the upper esophagus after radiotherapy for Hodgkin's disease (ab), 150: 871, 1984  
 Paplanus SH See Hunter TB  
 Pardo JG; Bryan PJ; Gauderer MWL: spontaneous regression of infantile hemangioendotheliomatosis of the liver: demonstration by ultrasound (ab), 150: 860, 1984  
 Park SK See Hadlock FP  
 Park WC Jr See Choplin RH  
 Parker LS See Marcus CS  
 Parker RG See Ungerleider JT  
 Parker TW; Mettler FA Jr; Christie JH; Williams AG: radionuclide thyroid studies: a survey of practice in the United States in 1981, 150: 547, 1984  
 Parulekar SG: ultrasonographic demonstration of floating particles in amniotic fluid (ab), 150: 616, 1984  
 Parulekar SG: ultrasonographic findings in diseases of the appendix (ab), 150: 298, 1984  
 Parulekar SG; Kiwi R: ultrasound evaluation of sutures following cervical cerclage for incompetent cervix uteri (ab), 150: 299, 1984  
 Patel S See Rauschkolb EN  
 Paul RE See McLean AM  
 Paul RE Jr See McLean A  
 Pavlicek W See Buonocore E  
 Pavlicek W See Modic MT  
 Pearson ADJ; Campbell AM; McAllister VL; et al: intracranial calcification in survivors of childhood medulloblastoma (ab), 150: 613, 1984  
 Peel RL See Obley DL  
 Peeples TC See Rasmussen KK  
 Pelletier G See Eisencher A  
 Pelletier G See Eisencher A  
 Penkert A: new sonographic method for investigating the scrotal content via a rotating sound head (ab), 150: 299, 1984  
 Pennes DR; Shirazi KK; Martel W: bilateral palmar flexion instability: a complication of wheelchair use, (AJR), 141: 1327, 1983  
 Pennock JM See Johnson MA  
 Perkes EA; Baim RS; Clair MR; et al: intrauterine bleeding following transplacental amniocentesis (ab), 150: 299, 1984  
 Perkins GS See Pettigrew RI  
 Perlman SJ; Rogers LF; Mintzer RA; et al: abnormal course of nasogastric tube in traumatic rupture of left hemidiaphragm, (AJR), 142: 85, 1984  
 Perriguet G See Weill FS  
 Persson BRR See Kempf W  
 Peter S See Jaschke W  
 Peters AM; Savarymattu SH; Reavy HJ; et al: imaging of inflammation with indium-111-tropolonate labeled leukocytes (ab), 150: 302, 1984  
 Peters KL See Finer NN  
 Peterson CM; Smith WL; Franken EA: neonatal intracerebellar hemorrhage: detection by real-time ultrasound, 150: 391, 1984  
 Peterson RR See Balfe DM  
 Petiet A See Cavailloues F  
 Petres RE See Mercer LJ  
 Petterson F See Björkholm E  
 Pettigrew RI; Wittum KF; Perkins GC; Johnson ML; Burks RN; Verba JW; Halpern SE: single photon emission computed tomograms of the liver: normal vascular intrahepatic structures, 150: 219, 1984  
 Pezzotta S See Cecchini A  
 Pfister RC See Cronan JJ  
 Pfizenmaier N; Malzacher F: special device for the objective size measurement of the prostate via transrectal sonography (ab), 150: 299, 1984  
 Phelps ME See Engel J Jr  
 Phillips E See McLean A  
 Phillips E See McLean AM  
 Phillips J; Alderson T; Sicora K; et al: localization of malignant glioma by a radiolabelled human monoclonal antibody (ab), 150: 861, 1984  
 Phillips JA See Stokes DG  
 Plantadosi AC See Johnson DG  
 Picard L; Almeras M; Delgoffe C; et al: medulloblastomas and retinoblastomas: CT images of intracranial meningeal metastases (ab), 150: 861, 1984  
 Pickoff AS; Bennett V; Soler P; et al: detection of pulmonary venous flow by pulsed Doppler echocardiography in children (ab), 150: 858, 1984  
 Picus D See Balfe DM  
 Pietra GG See Geffer WB  
 Pinto RS See Mitnick JS  
 Piraino DW See Risius B  
 Pirovino M See Heer M  
 Pittha JV See Wilson DA  
 Pitkanen MA See Mantyla MJ  
 Pitt B See Rabinovitch MA  
 Plattner G; Renner W; Went J; et al: fetal sex determination by ultrasound scan in the second and third trimesters (ab), 150: 615, 1984  
 Pogany AC See Kerlan RK Jr  
 Polansky A; Resnick D; Sofferman RA; Davidson TM: hyoid bone elevation: a sign of tracheal transection, 150: 117, 1984  
 Pollack MS See Metroka CE  
 Port RB See Karoll MP  
 Porter BA; Frey CE; Link DP; et al: splenic embolization monitored by the video dilution technique, (AJR), 141: 1063, 1983  
 Poser H See Luska G  
 Potter T; McClain CJ; Shaffer RB: effects of fasting and parenteral alimentation on PIPIDA scintigraphy (ab), 150: 870, 1984  
 Powell JB II: nasolacrimal dysfunction (ab), 150: 863, 1984  
 Presthus J See Amundsen P  
 Prinz RA See Aranha GV  
 Probst P; Mahler F; Roessler H; et al: renal artery stenosis and evaluation of the effect of endoluminal dilatation: comparison of dynamic CT scanning and I-131-OIHA renogram (ab), 150: 855, 1984  
 Prohm P See Greiner L  
 Proukakis C See Georgiou E  
 Pruzansky S See Mafee MF  
 Pugatch RD; Gale ME: obscure pulmonary masses: bronchial impaction revealed by CT, (AJR), 141: 909, 1983  
 Purohit GS See Bellinger MF  
 Putman CE See Halvorsen RA  
 Pyatt RS See Hartmann DS

## Q

- Quattromani FL See Campbell JB

## R

- Rabe FE See Rowe DM  
 Rabe FE See Scott JA  
 Rabinovitch MA; Kalff V; Koral K; Chan W; Juni JE; Lerman B; Lampman R; Walton J; Grassley D; Vogel R; Pitt B; Thrall JH: count-based left ventricular volume determination utilizing a left posterior oblique view for attenuation correction, 150: 813, 1984

- Radin DR; Fong T-L; Halls JM; et al: monilial enteritis in acquired immunodeficiency syndrome. (AJR), 141: 1289, 1983
- Raffi M See Golimbu C
- Raghavendra BN See Goldstein SR
- Raghavendra BN See Subramanyam BR
- Ralaisom G See Felson B
- Ralston M See Clarke-Pearson DL
- Ramirez H Jr; Blatt ES; Cable HF; McComb BL; Zornoza J; Hibri NS: intraseous pneumatocysts of the ilium: findings on radiographs and CT scans. 150: 503, 1984
- Rao AKR See Soli-Bohm LC
- Rappoport AS See Damuth HD Jr
- Rasmussen KK; Peoples TC; Nellen JR: unusual variant in tumor vascularity associated with left atrial myxoma. (AJR), 141: 927, 1983
- Ratnoffsky S See McNeil BJ
- Rauch RF See Silverman PM
- Rauschkolb EN; Keen SJ; Patel S: high-dose computed tomography in the evaluation of low attenuation lesions in the neck (ab). 150: 865, 1984
- Raval B See Lamki N
- Raval B See Wycoco D
- Raval B; Lamki N: computed tomography in detection of occult hypernephroma (ab). 150: 296, 1984
- Ravlin CE See Chen JTT
- Raymond J; Dumas J-M: anomalous ossicle of the articular process: arthrography and facet block. (AJR), 141: 1233, 1983
- Reavy HJ See Peters AM
- Reckling FW See Desmet AA
- Reddy SC See Muder RR
- Redington RW See Bottomley PA
- Reeder JD; Kaude JV; Setzer ES: occipital horn of the lateral ventricles in premature infants: an ultrasonographic study (ab). 150: 858, 1984
- Rees GJ: mechanism of total body irradiation in lymphoma (ab). 150: 872, 1984
- Rehm SR See Stelling CB
- Reilly BJ See Robey G
- Reilly JJ Jr See Zajko AB
- Reinig JW See Young JWR
- Reiser M; Druker A-K; Ullsch B; et al: use of CT in monitoring cryosurgery (ab). 150: 866, 1984
- Reizine D See George B
- Remond A See Deramond H
- Renner W See Plattner G
- Renoy P See Jeanty P
- Resnick D See Cone RO
- Resnick D See Cone RO III
- Resnick D See Polanski A
- Resnick D; Cone RO III: nature of humeral pseudocysts. 150: 27, 1984
- Reyes BL See Krithivas G
- Reygaerts DO See Claes HP
- Rhodes ML See Rothman SLG
- Richardson JD See Grant EG
- Richmond BD See Rowe DM
- Riemenschneider TA See Fletcher BD
- Riley RW See Sartoris DJ
- Ring EA See Lear JL
- Ring EJ See Kerlan RK Jr
- Ring EJ; Kerlan RK Jr: interventional biliary radiology. (AJR), 142: 31, 1984
- Risius B; Zelch MG; Graser RA; Geisinger MA; Smith JAM; Piraino DW: catheter-directed low dose streptokinase infusion: a preliminary experience. 150: 349, 1984
- Rivero H; Bolden R; Young LW: proximal tibial physis fracture and popliteal artery injury. 150: 590, 1984
- Roberts JW Jr: radiology management: an introduction (bk rev). 150: 310, 1984
- Roberts L Jr; Wertman DA Jr; Mills SR; et al: transluminal angioplasty of the superior mesenteric artery: an alternative to surgical revascularization. (AJR), 141: 1039, 1983
- Robertson CM See Finer NN
- Robertson J; Federle MP: simple traction-immobilization device for CT scanners. (AJR), 141: 1331, 1983
- Robey G; Reilly BJ; Carusi PA; Nguyen KB: pediatric urography: comparison of metrizamide and methylglucamine diatrizoate. 150: 61, 1984
- Rochester D See Moyle JW
- Rodriguez HCG See Vogel H
- Roe DJ See Cochran ST
- Roehm Jr JOF; Gianturco C; Barth MH; Wright KC: percutaneous transcatheter filter for the inferior vena cava: a new device for treatment of patients with pulmonary embolism. 150: 255, 1984
- Roesler H See Probst P
- Rogers JV See Carrasquillo JA
- Rogers LF See Kim KS
- Rogers LF See Perlman SJ
- Roggensack GF See Gass MA
- Rohmer P See Weill FS
- Romano A See Lyon J
- Rondot P See Demierre B
- Rose H See Mitnick JS
- Rose JG See Marcus CS
- Rosenbaum RC See Miller DL
- Rosenberg ER See Bowlie JD
- Rosenfield NS; Ablow RC; Markowitz RI; DiPietro M; Seashore JH; Touloukian RJ; Cicchetti DV: Hirschsprung disease: accuracy of the barium enema examination. 150: 393, 1984
- Rosenkrantz J See Ball WS
- Rosenthal DJ; Schiller AL; Mankin HJ: chondrosarcoma: correlation of radiological and histological grade. 150: 21, 1984
- Rossouw DS See Olivier LR
- Rothfus WE; Curtin HD; Slamovits TL; Kennerdell JS: optic nerve/sheath enlargement: a differential approach based on high-resolution CT morphology. 150: 409, 1984
- Rothman SLG; Dobben GD; Rhodes ML; Glenn WV Jr; Azzawi Y-M: computed tomography of the spine: curved coronal reformations from serial images. 150: 185, 1984
- Rowe DM; Becker GJ; Rabe FE; Holden RW; Richmond BD; Wass JL; Sequeira FW: osseous metastases from renal cell carcinoma: embolization and surgery for restoration of function. work in progress. 150: 673, 1984
- Royal HD See Singer I
- Royal HD See Uren RF
- Rozefeld M; Jette D: quality assurance of radiation dosage: usefulness of redundancy. 150: 241, 1984
- Rubenstein J; Kellam J; McGonigal D: acetabular fracture assessment with computerized tomography (ab). 150: 866, 1984
- Rubenstein J; Kellam J; McGonigal D: cross-sectional anatomy of the adult bony acetabulum (ab). 150: 866, 1984
- Rudell WSJ See Hamilton I
- Runge VM; Clanton JA; Lukehart CM; et al: paramagnetic agents for contrast-enhanced NMR imaging: a review. (AJR), 141: 1209, 1983
- Runge VM; Clanton JA; Smith FW; et al: nuclear magnetic resonance of iron and copper disease states. (AJR), 141: 943, 1983
- Rush M See Goldstein MS
- Rysavy JA See Cragg AH
- S**
- Sackett JF See Archer CW
- Saddekni S See Sniderman KW
- Saddekni S; Sos TA; Sniderman KW; Srur M; Bodner LJ; Kneeland JB; Cahill PT: Optimal injection technique for intravenous digital subtraction angiography: animal and clinical studies of right atrial injection using small volumes (25 ml) at a high rate (35 ml/sec). work in progress. 150: 655, 1984
- Saenger EL See Nishiyama H
- Sagar S; Grime JS; Little W; et al: technetium-99m labelled bran: a new agent for measuring gastric emptying (ab). 150: 302, 1984
- Sage MR; Wilcox J: brain parenchyma penetration by intrathecal nonionic iopamidol. (AJNR), 4: 1181, 1983
- Sage MR; Wilcox J; Evill CA; et al: comparison of blood-brain barrier disruption following intracarotid metrizamide and methylglucamine iohalamate (conray 280) (ab). 150: 862, 1984
- Saito S See Kondo M
- Sakai M; Miyake H; Shinkawa A; et al: Klippel-Feil syndrome with conductive deafness and histological findings of removed stapes (ab). 150: 294, 1984
- Salomonowitz E See Cragg AH
- Salomonowitz E See Frick MP
- Salomonowitz E; Castaneda-Zuniga WR; Lange PH; Cragg AH; Lund G; Hunter DW; Coleman CC; Amplatz K: percutaneous renal stone removal: use of carbon dioxide as contrast material. 150: 833, 1984
- Salomonowitz E; Kotula F; Coleman CC; Hunter DW; Castaneda-Zuniga WR; Amplatz K: balloon-inflation device: the inflation helix. 150: 587, 1984
- Salomonowitz E; Wittich G; Czemberek H: experience with small bowel double-contrast examinations (ab). 150: 855, 1984
- Samaan NA; Vieto R; Schultz PN; et al: hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck (ab). 150: 294, 1984
- Sampathkumaran KS See Miller TR
- Samuels BI See Bowerman RA
- Sanders R; Graham D: twelve cases of hydronephrosis in utero diagnosed by ultrasonography (ab). 150: 869, 1984
- Sanders RC See Graham D
- Sanders RC See Scatarige JC
- Sanders RC See Taylor GA
- SanDretto MA; Scanlon GT: multiple mycotic pulmonary artery aneurysms secondary to intravenous drug abuse. (AJR), 142: 89, 1984
- SanDretto MA; Wartinbee DR; Carrera GF; et al: suprapatellar plica synovialis: a common arthrographic finding (ab). 150: 856, 1984
- Sano P See Silver AJ
- Sano A; Nishizawa S; Sasaki K; et al: contrast echocardiography in detection of portopulmonary venous anastomosis. (AJR), 142: 137, 1984
- Sartoris DJ; Neumann CH; Riley RW: temporomandibular joint: true sagittal computed tomography with meniscus visualization. 150: 250, 1984
- Sasai K See Sano A
- Savage DD; Garrison RJ; Brand F; et al: prevalence and correlates of posterior extra echocardiographic spaces in a free-living population based sample (The Framingham Study) (ab). 150: 867, 1984
- Saverymutter SH See Peters AM
- Savino PJ See Weisman RA
- Scales FE; Lee ME: nonoperative diagnosis of intrathoracic splenosis. (AJR), 141: 1273, 1983
- Scanlon GT See SanDretto MA
- Scatarige JC; Fishman EK; Sanders RC: sonographic "scar sign" in focal nodular hyperplasia of the liver (ab). 150: 298, 1984
- Schaaf M See Doppman JL
- Schabel SI: radiologic interpretation of ERCP: a clinical atlas (bk rev). 150: 638, 1984
- Schellinger D See Grant EG
- Schenck JF See Bottomley PA
- Schey WL: simple technique for photographic reproduction of radiographs. (AJR), 141: 1331, 1983
- Schifter S; Vendelbo L; Jensen OM; et al: Ewing's tumor following bilateral retinoblastoma: a case report (ab). 150: 858, 1984
- Schild H; Muller HA; Klose K: halfmoon sign (ab). 150: 612, 1984
- Schiller AL See Rosenthal DJ
- Schiller N See Stark DD
- Schiller NB See Lanzer P
- Schilling F See Spranger J
- Schmidlin P See Clorius JH
- Schmidt DH See Dymond DS
- Schmidt RA See Kodera Y
- Schneider V See Cho S-R
- Scholmerich J; Volk BA; Grunholz J; et al: importance of sonographic follow-up in acute pancreatitis (ab). 150: 301, 1984
- Schrager B See Famularo M
- Schreiman JS; Gisvold JJ; Greenleaf JF; Bahn RC: ultrasound transmission computed tomography of the breast. 150: 523, 1984
- Schuller J; Walther V: transrectal ultrasound tomography by electronic linear scanner (ab). 150: 299, 1984
- Schulte HM See Doppman JL
- Schultz FN See Samaan NA
- Schumann G See Bonhof JA
- Schut L See Weisman RA
- Schwarten DE: percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up. 150: 363, 1984
- Schwarten DE: percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up. 150: 369, 1984
- Schwartz GF See Cole-Buglet C
- Schweg-Toffler E See Eisencher A
- Schweg-Toffler E See Eisencher A
- Sciubba JJ See Wenig BL
- Scoles PV See Fletcher BD
- Scott JA; Rabe FE; Becker GJ; et al: angiographic assessment of renal artery pathology: how reliable? (AJR), 141: 1299, 1983
- Scovill JA See Baker BJ
- Seashore JH See Rosenfield NS
- Sefczek DM; Sefczek RJ; Deeb ZL: radiographic signs of acute traumatic rupture of the thoracic aorta. (AJR), 141: 1259, 1983
- Sefczek RJ See Sefczek DM
- Segura RM See Ocana I
- Seibel M See Hann LE
- Seldin DW See Abramson SJ
- Seligs JE See Mafee MF
- Seltzer SE See Manzione JV
- Sepponen RE See Sipponen JT
- Sequeira FW See Rowe DM
- Servadio C See Mukamel E
- Sethi CM See Kuppussamy N
- Setzer ES See Reeder JD
- Severini A; Bellomi M; Cozzi G; Bellegotti L; Lattuada A: rib erosion: late complication of long-standing biliary drainage catheters. 150: 666, 1984
- Shaffer RB See Potter T
- Shapeero LG; Guthaner DF; Swerdlow CD; et al: rupture of a coronary bypass graft aneurysm: CT evaluation and coil occlusion therapy. (AJR), 141: 1060, 1983
- Shapiro HA See Margulis AR
- Shaw C-I See Liu C-I
- Shawker TH; et al See Krudy AG
- Shefflin JR; Lee CM; Kretschmar KA: torsion of wandering spleen and distal pancreas. (AJR), 142: 100, 1984

## Sheldon

Sheldon P See Crooks LE

Sherry RG; Anderson RE; Kruger RA; et al: real-time digital subtraction angiography for therapeutic neuroradiologic procedures. (AJNR), 4: 1171, 1983

Sheu J-C; Sung J-L; Chen D-S; Yu J-Y; Wang T-H: ultrasonography of small hepatic tumors using high-resolution linear-array real-time instruments. 150: 797, 1984

Shimizu FH See Solti-Bohman LG

Shin MS; Ho K-J: bronchiolitis: its detection by computed tomography in patients with recurrent hemoptysis of unknown etiology (ab). 150: 614, 1984

Shin MS; Ho K-J: computed tomographic characteristics of pleural empyema (ab). 150: 295, 1984

Shinkawa A See Sakai M

Shirazi KK See Pennes DR

Shirazi KK; Amendola MA; Tisnado J; et al: radiographic findings in the chest of patients following cardiac transplantation (ab). 150: 287, 1984

Shirazi KK; Mauli KJ: subhepatic sonography following cholecystectomy (ab). 150: 298, 1984

Short AK See Sibbald WJ

Sibbald WJ; Warshawski FJ; Short AK; et al: clinical studies of measuring extravascular lung water by the thermal dye technique in critically ill patients (ab). 150: 611, 1984

Sicora K See Phillips J

Sider L See Moyle JW

Siegel BA See Evens RG

Sihelnik S See Blei L

Silber W: prevalence, course and management of some benign oesophageal diseases in the Black population. the Groote Schuur Hospital experience (ab). 150: 854, 1984

Silver AJ; Mawad ME; Hilal SK; Ascherl GF Jr; Chynn KY; Baredes S: computed tomography of the carotid space and related cervical spaces. part II: neurogenic tumors. 150: 729, 1984

Silver AJ; Mawad ME; Hilal SK; Sane P; Ganti SR: computed tomography of the carotid space and related cervical spaces. part I: anatomy. 150: 723, 1984

Silver TM See Blane CE

Silver TM See Bowerman RA

Silver TM See Jafri SZH

Silverman JA; Krongrad E: anorexia nervosa: a cause of pericardial effusion? (ab). 150: 858, 1984

Silverman PM; Korobkin M; Rauch RF: digital radiographic localization for CT scanning of the larynx. (AJR), 141: 1329, 1983

Simeone JF See Cronan JJ

Simeone JF See Mueller PR

Simeone JF See Neff CC

Simmons JD; LaMasters D; Char D: computed tomography of ocular colobomas. (AJR), 141: 1223, 1983

Simons KB See Grimson BS

Singer I; Royal HD; Uren RF; Waugh RC; McLaughlin AF; Bautovich GJ; Dyer IA; Fulton RR; Morris IG: radionuclide plethysmography and Tc-99m red blood cell venography in venous thrombosis: comparison with contrast venography. 150: 213, 1984

Sipponen JT; Sepponen RE; Sivula A: chronic subdural hematoma demonstration by magnetic resonance. 150: 79, 1984

Sivula A See Sipponen JT

Skutta T See Wolf K-J

Slamovits TL See Rothfus WE

Slasky BS See Ohley DL

Slasky BS; Deutsch M: germ cell tumors complicated by pneumothorax (ab). 150: 853, 1984

Slonim L See Beynon J

Slotnick N; Filly RA; Calien PW; et al: sonography as a procedure complementary to  $\alpha$ -fetoprotein testing for neural tube defects (ab). 150: 869, 1984

Slusher SL See Levine E

Slutsky RA: relationship of radionuclide indexes of cardiac function during interventions: volume loading, afterload stress, exercise, and pacing (ab). 150: 302, 1984

Slutsky RA; Mattrey RF; Long SA; et al: in vivo estimation of myocardial infarct size and left ventricular function by prospectively gated computerized transmission tomography (ab). 150: 614, 1984

Small W See Bernardino ME

Smetzer JS See Mercer LJ

Smevik B; Kolmannskog F: computed tomography and angiography in hepatocellular carcinoma (ab). 150: 614, 1984

Smith BH See Garn SM

Smith FW See Runge VM

Smith HJ: radiographic response to cimetidine in patients with basal gastric acid hypersecretion. (AJR), 142: 115, 1984

Smith JAM See Risius B

Smith KD See Marshall V

Smith LS See Bottomley PA

Smith WL See Peterson CM

Sniderman KW See Saddekni S

Sniderman KW; Bodner L; Saddekni S; Srur M; Sos TA: percutaneous embolectomy by transcatheter aspiration. 150: 357, 1984

Snyder DM; Crawford ES: successful treatment of primary aorta-esophageal fistula resulting from aortic aneurysm (ab). 150: 854, 1984

Soffer KA See Polansky A

Soler P See Pickoff AS

Solti-Bohman LG See Lo WWM

Solti-Bohman LG; Magaram DL; Lo WWM; Wade CT; Witten RM; Shimizu FH; McMonagle EM; Rao AKR: gas-CT cisternography for detection of small acoustic nerve tumors. 150: 403, 1984

Sones PJ: percutaneous drainage of abdominal abscesses. (AJR), 142: 35, 1984

Sonley M See Daneman A

Sos TA See Saddekni S

Sos TA See Sniderman KW

Spanier SS See Hudson TM

Spencer RP; Lee YS; Sziklas JJ; et al: failure of uptake of radiocolloid by the femoral head: a diagnostic problem: concise communication (ab). 150: 617, 1984

Spranger J; Albert C; Schilling F; et al: progressive pseudorheumatoid arthritis of childhood (PPAC): a hereditary disorder simulating rheumatoid arthritis (ab). 150: 860, 1984

Sprawls P See Wittrik BJ

Spring DB See Hricak H

Springfield DS See Hudson TM

Sprinkle MD See Ekstrand NL

Sprung CL See Goldstein MS

Srur M See Saddekni S

Srur M See Sniderman KW

Stamler CE See Laing FC

Stanley JH See Vujic I

Stanley P; Grinnell VS; Stanton RE; et al: therapeutic embolization of infantile hepatic hemangioma with polyvinyl alcohol. (AJR), 141: 1047, 1983

Stanley RB Jr; Hanson DG: manual strangulation injuries of the larynx (ab). 150: 864, 1984

Stannard MW; Jimenez JF: sonographic recognition of multiple cystic encephalomalacia. (AJR), 141: 1321, 1983

Stanton L; Villafana T; Day JL; Lightfoot DA: dosage evaluation in mammography. 150: 577, 1984

Stanton RE See Stanley P

Stark DB See Moss AA

Stark DD; Goldberg HI; Moss AA; Bass NM: chronic liver disease: evaluation by magnetic resonance. 150: 149, 1984

Stark DD; Heilbron D; Moss AA: recurrent neuroblastoma: determining the frequency of follow-up examinations. reply (L). 150: 607, 1984

Stark DD; Higgins CB; Lanzer P; Lipton MJ; Schiller N; Crooks LE; Botvinick EB; Kaufman L: magnetic resonance imaging of the pericardium: normal and pathologic findings. 150: 469, 1984

Stark DD; Moss AA; Gamsu G; Clark OH; Gooding GAW; Webb WR: magnetic resonance imaging of the neck. part II: pathologic findings. 150: 455, 1984

Stark DD; Moss AA; Gamsu G; Clark OH; Gooding GAW; Webb WR: magnetic resonance imaging of the neck. part I: normal anatomy. 150: 447, 1984

Stark DD; Moss AA; Goldberg HI; Davis PL; Federle MP: magnetic resonance and CT of the normal and diseased pancreas: a comparative study. 150: 153, 1984

Stark DD; Moss AA; Goldberg HI; Deveney CW: CT of pancreatic islet cell tumors. 150: 491, 1984

Stears JG See Gray JE

Steidle B See Wolf K-J

Steiger Z See Haynes JW

Steiner RM See Wechsler RJ

Steinhardt MI See Noyek AM

Stelling CB; Woodring JH; Rehm SR; Hopper DW; Noble RC: military pulmonary blastomycosis. 150: 7, 1984

Stephens CA See Ein SH

Stephens AN See Grossman ZD

Stockel M; Ennow K; Kristensen K; et al: anaphylactic reaction to orthoiodohippurate (ab). 150: 617, 1984

Stokes DC; Phillips JA; Leonard CO; et al: respiratory complications of achondroplasia (ab). 150: 289, 1984

Stoltenberg P See Frick MP

Stomper PC See Meyer JE

Strashun AM See Levy OM

Strashun AM; Nejatheid M; Goldsmith SJ: malignant external otitis: early scintigraphic detection. 150: 541, 1984

Streiter M See Balthazar EJ

Strickland P See Denham JW

Strife JL See Ball WS

Stringer DA See Ein SH

Strudel WE See Agha FP

Strudel WE; Talpos G; Eckhauser F; et al: surgical therapy for small-bowel carcinoid tumors (ab). 150: 288, 1984

Subramanyam BR See Balthazar EJ

Subramanyam BR See Goldstein SR

Subramanyam BR; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN: hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation. 150: 793, 1984

Sugarbaker PH See Miller DL

Sullivan WT; Dorwart RH: leakage of iodinated contrast material into the cerebral ventricles in an adult with ependymitis. (AJNR), 4: 1251, 1983

Sun C-C See Miller D

Sung J-L See Sheu J-C

Surkin MI; Green RP; Kessler SM; et al: subclavian vein thrombosis secondary to chronic otitis media (ab). 150: 862, 1984

Sussman S; Cochran ST; Pagani JJ; McArdle C; Wong W; Austin R; Curry N; Kelly KM: hyperdense renal masses: a CT manifestation of hemorrhagic renal cysts. 150: 207, 1984

Sutcliffe JF; Innes GS: electron contamination of large cobalt 60 photon beams (ab). 150: 303, 1984

Suzuki H See Araki T

Suzuki M See Takayasu K

Svensen P See Tjellstrom A

Sveninsson T See Von Der Maase H

Svensson LG; Wellsted M: malignant insulinoma: the problems of tumour localization and management (ab). 150: 288, 1984

Swerdlow CD See Shapeero LG

Sweredowski R: textbook of radiographic positioning and related anatomy (bk rev). 150: 6, 1984

Swobodnik W; Wechsler JG; Dilschuneit H: sonographic diagnosis of malignant carcinoid of the small intestine (ab). 150: 298, 1984

Sziklas JJ See Spencer RP

## T

Takayasu K; Moriyama N; Muramatsu Y;

Suzuki M; Yamada T; Kishi K; Hasagawa H; Okazaki M: hepatic arterial embolization for hepatocellular carcinoma. comparison of CT scans and resected specimens. 150: 661, 1984

Talpos G See Strudel WE

Tanne D See Epstein BM

Taveras JM See Meyer JE

Taylor AT See Cook PS

Taylor GA; Sanders RC: Dandy-Walker syndrome: recognition by sonography. (AJNR), 4: 1203, 1983

Taylor GJ See Moses HW

Teasdale E See Macpherson F

Teefey SA; Carlson HC: fluoroscopic barium enema in colonic polyp detection. (AJR), 141: 1279, 1983

Tegtmeyer CJ; Kofler TJ; Ayers CA: renal angioplasty: current status. (AJR), 142: 17, 1984

Tepleck JG; Haskin ME: review: computed tomography of the postoperative lumbar spine. (AJR), 141: 865, 1983

Tepleck SK See Bronen RA

Tepperman BS See Fitzpatrick PJ

Terry PB; White RJ Jr; Barth KH; et al: pulmonary arteriovenous malformations. physiologic observations and results of therapeutic balloon embolization (ab). 150: 857, 1984

Testler AS See Ungerleider JT

Thickman D See Axel L

Thickman D See Kressel HY

Thickman DI; Ziskin MC; Goldenberg NJ: effect of display format on detectability (ab). 150: 616, 1984

Thiebot J See Deramond H

Thisse JY See Danchin N

Thoeni RF; Vandeman F; Wall SD: effect of glucagon on the diagnostic accuracy of double-contrast barium enema examinations. (AJR), 142: 111, 1984

Thomas RJ See Giles DJ

Thompson JJ See Levine MS

Thompson JR; Christiansen E; Hasso AN;

Hinshaw DB Jr: temporomandibular joints: high-resolution computed tomographic evaluation. 150: 105, 1984

Thompson KR See Tress BM

Thompson RE See Albers WH

Thompson TR; Manning FA: estimation of volume and weight of the perinate: relationship to morphometric measurement by ultrasonography (ab). 150: 868, 1984

Thompson WM; Halvorsen RA; Foster WL Jr; et al: computed tomography for staging esophageal and gastroesophageal cancer: reevaluation. (AJR), 141: 951, 1983



- Thrall JH See Rabinovitch MA  
 Tisdal RC See Wilson DA  
 Tishler JM; Han SY; Helman CA: esophageal involvement in epidermolysis bullosa dystrophica. (AJR). 141: 1283, 1983
- Tisnado J See Shirazi KK  
 Tisnado J See Wood WA  
 Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR: low-dose fibrinolytic therapy in hand ischemia. 150: 375, 1984
- Tjellstrom A; Svendsen P: abnormal venous drainage simulating a glomus jugulare tumor (ab). 150: 293, 1984
- Toivanen JT See Mantyla MJ  
 Tomoda H; Hoshiai M; Furuya H; et al: evaluation of intracardiac thrombus with computed tomography (ab). 150: 295, 1984
- Tornquist C; Holtas S: renal angiography with iohexol and metrizoate. 150: 331, 1984
- Totty WG; Vannier MW: complex musculoskeletal anatomy: analysis using three dimensional surface reconstruction. 150: 173, 1984
- Touloukian RJ See Rosenfield NS  
 Towbin R See Clark RA  
 Towbin RB See Ball WS  
 Tress BM; Thompson KR; ApSimon HT; et al: treatment of carotidocavernous fistulae with detachable balloons introduced by percutaneous catheterization (ab). 150: 288, 1984
- Treugut H See Huebener K-H  
 Turner RM; Austin JHM; Ellis K; et al: erosion and enlargement of the sella turcica: uncommon signs of pulmonary emphysema. (AJR). 141: 1235, 1983
- Turnipseed WD See Archer CW  
 Tyminski L See Vujic I
- U**
- Uchida H; Ohishi H; Kurosaki Y; et al: evaluation of arterial embolization therapy for hepatocellular carcinoma by computed tomography (ab). 150: 866, 1984
- Udompanich O See Nirapathpongorn S  
 Ulatowski L See Greiner L  
 Ultsch B See Reiser M  
 Unger JM: orbital apex fractures: the contribution of computed tomography. 150: 713, 1984
- Ungerleider JT; Andriasyk TA; Fairbanks LA; Tesler AS; Parker RG: tetrahydrocannabinol vs. prochlorperazine: the effects of two antiemetics on patients undergoing radiotherapy. 150: 598, 1984
- Uren RF See Singer I  
 Uren RF; Magistretti PL; Royal HD; et al: single-photon emission computed tomography: a method of measuring cerebral blood flow in three dimensions (preliminary results of studies in patients with epilepsy and stroke) (ab). 150: 290, 1984
- V**
- Valdes-Cruz LM See Lima CO  
 Valvassori GE See Mafee MF  
 Vandeman F See Thoeni RF  
 Vandergrind RA See Hudson TM  
 VanderWoude J See Balogh G  
 Van Dyke C See Han JS  
 Van Houten FX See McNeil BJ  
 Van Kerkem J See Jeanty P  
 Vannier MW See Totty WG  
 Vannier MW; Marsh JL; Warren JO: three dimensional CT reconstruction images for craniofacial surgical planning and evaluation. 150: 179, 1984
- Vasilomanolakis EC See Famularo M  
 Vaughan ATM; Bateman WJ; Fisher DR: in vivo fate of At-211 labelled monoclonal antibody with known specificity in a murine system (ab). 150: 304, 1984
- Velasquez G See Glass TA  
 Velasquez G; Glass TA; D'Souza VJ; et al: multiple oncocyctomas and renal carcinoma. (AJR). 142: 123, 1984
- Vendelbo L See Schifter S  
 Verba JW See Pettigrew RI  
 Vial M See Labrune M  
 Vieto R See Saman NA  
 Villafana T See Stanton L  
 Villemure J-G; Meagher-Villemure K: giant ossifying fibroma of the skull (ab). 150: 293, 1984
- Vincent LM; Mauro MA; Mittelstaedt CA: lesser sac and gastrohepatic recess: sonographic appearance and differentiation of fluid collections. 150: 515, 1984
- Vindekilde J See Kuppawami N  
 Vines FS See Tisnado J  
 Vinuela F; Fox AJ; Debrun G; et al: progressive thrombosis of brain arteriovenous malformations after embolization with isobutyl 2-cyanoacrylate. (AJNR). 4: 1233, 1983
- Vitoux F See Cavaillols F  
 Vocaturo G; Colombo F; Zanoni M; et al: human exposure to heavy metals: rare earth pneumoconiosis in occupational workers (ab). 150: 611, 1984
- Vock P See Osborne D  
 Vogel H; Rodriguez HCG; Gomez MZ; et al: intestinal perforation in abdominal hand in childhood (ab). 150: 290, 1984
- Vogel R See Rabinovitch MA  
 Volberding P See Moon KL Jr  
 Volberg FM See Choplin RH  
 Volk BA See Scholmerich J  
 Von Der Maase H; Magnusson K; Sveninsson T: combined irradiation and three-drug chemotherapy in inoperable colorectal carcinoma (ab). 150: 871, 1984
- Voorhess ML See Lindsay AN  
 Vujic I; Andersen BL; Stanley JH; Gobien RP: pancreatic and peripancreatic vessels: embolization for control of bleeding in pancreatitis. 150: 51, 1984
- Vujic I; Stanley JH; Tyminski L; et al: computed tomographic demonstration of hemobilia (ab). 150: 296, 1984
- W**
- Wade CT See Solti-Bohman LG  
 Wadsworth DE; McClennan BL: benign causes of acquired ureteropelvic junction obstruction: a urologic spectrum (ab). 150: 855, 1984
- Wakabayashi T; Fujita S; Ohbora Y; et al: polycystic kidney disease and intracranial aneurysms: early angiographic diagnosis and early operation for the unruptured aneurysm (ab). 150: 290, 1984
- Wall SD See Thoeni RF  
 Wall SD; Federle MP; Jeffrey RB; et al: CT diagnosis of unsuspected pneumothorax after blunt abdominal trauma. (AJR). 141: 919, 1983
- Walther V See Schuller J  
 Walton J See Rabinovitch MA  
 Wang T-H See Sheu J-C  
 Warner RJ See Kurtz AB  
 Warren JO See Vannier MW  
 Warshawski FJ See Sibbald WJ  
 Wartinbee DR See SanDretto MA  
 Wass JL See Rowe DM  
 Wasserstein G See Bardfield PA  
 Watson RA See Benson KH  
 Watt AC; Haggard AM; Krasicky GA: extraosseous osteogenic sarcoma of the breast: mammographic and pathologic findings. 150: 34, 1984
- Watts J See Crooks LE  
 Waugh RC See Singer I  
 Webb WR See Stark DD  
 Webb WR; Gamsu G; Crooks LE: multisection sagittal and coronal magnetic resonance imaging of the mediastinum and hila. 150: 475, 1984
- Weber TR See Cohen MD  
 Wechsler JG See Swobodnik I  
 Wechsler RJ; Steiner RM; Israel HL; et al: chest radiograph in lymphomatoid granulomatosis: comparison with Wegener granulomatosis. (AJR). 142: 79, 1984
- Wegner R-D; Meyenber M: effects of diagnostic ultrasonography on the frequencies of sister chromatid exchanges in Chinese hamster cells and human lymphocytes (ab). 150: 872, 1984
- Weill FS; Perriguet G; Belloir A; et al: ultrasonic anatomical study of the lesser omental sac: a pictorial essay (ab). 150: 868, 1984
- Weill FS; Perriguet G; Rohmer P: sonographic study of the juxtarenal retroperitoneal compartments (ab). 150: 867, 1984
- Weingarten J See Arab M  
 Weinstein MA See Modic MT  
 Weisman RA; Savino PJ; Schut L; et al: computed tomography in penetrating wounds of the orbit with retained foreign bodies (ab). 150: 293, 1984
- Weiss A See Weiss H  
 Weiss H; Ludwig G; Weiss A; et al: incidence of carcinoma of the renal cyst wall (results of 22,000 sonographic examinations) (ab). 150: 300, 1984
- Welch MJ See Evens RG  
 Wellsted M See Svensson LG  
 Wenig BL; Sciubba JJ; Zielinski BZ; et al: mucin impaction tumor of the paranasal sinuses: a new clinical entity? (ab). 150: 863, 1984
- Went J See Plattner G  
 Wenzel DJ; Batist G: implications of rapid uniform density changes on hepatic computed tomography (ab). 150: 296, 1984
- Wertman DA Jr See Roberts L J  
 Wesbey GE See Brasch RC
- Wetzner SM; Kiser LC; Bezreh JS: duplex ultrasound imaging: vascular applications. 150: 507, 1984
- Wexler L See Kim D  
 Weyman PJ See Balfe DM  
 White JL See Williams JP  
 White JM; Amis ES Jr; Cronan JJ: Cowper's gland calcification: a new radiographic finding (ab). 150: 856, 1984
- White RI Jr See Terry PB  
 White RI Jr: embolotherapy in vascular disease. (AJR). 142: 27, 1984
- Wicks JD; Mettler FA Jr: sonography of adrenal lesions causing hypertension (ab). 150: 868, 1984
- Wiedemann H-R; Burgio GR; Aldenhoff P; et al: proteus syndrome. partial gigantism of the hands and/or feet, nevi, hemihypertrophy, subcutaneous tumors, macrocephaly and other skull anomalies and possible accelerated growth and visceral affections (ab). 150: 860, 1984
- Wijesinha A See McNeil BJ  
 Wilcox J See Sage MR  
 Wüder WH; Harner SG; Banks PM: lymphoma of the nose and paranasal sinuses (ab). 150: 863, 1984
- Williams AG See Parker TW  
 Williams AL See Daniels DL  
 Williams B See Carrarino G  
 Williams B See Lalli AF  
 Williams DC See Marshall V  
 Williams DL See Carrasquillo JA  
 Williams DM; Gabrielsen TO; Latack JT; Martel W; Knake JE: ossification in the cephalic attachment of the ligamentum flavum: an anatomical and CT study. 150: 423, 1984
- Williams JP; Blalock CP; Dunaway CL; et al: schizencephaly (ab). 150: 289, 1984
- Williams JP; Joslyn JN: lissencephaly: computed tomographic diagnosis (ab). 150: 865, 1984
- Williams JP; Joslyn JN; White JL; et al: subdural hematoma secondary to ruptured intracranial aneurysm: computed tomographic diagnosis (ab). 150: 290, 1984
- Williams RC See Choplin RH  
 Williams RD See Hricak H  
 Willford ME; Godwin JD: computed tomography of lung abscess and empyema. (RCNA). 21: 575, 1983
- Wilson DA; Muchmore HG; Tisdal RG; Fahmy A; Pitha JV: histoplasmosis of the adrenal glands studied by CT. 150: 779, 1984
- Wingsberg F See Challenger JG  
 Wittrik BJ; Sprawls P: maternity lead apron. 150: 597, 1984
- Witten RM See Solti-Bohman LG  
 Wittenberg J See Fineberg HV  
 Wittenberg J See Neff CC  
 Wittich G See Salomonowitz E  
 Witzum KF See Pettigrew RI  
 Wojciechowski J; Johansson R; Bjork L: iopamidol compared with Conray in peripheral angiography (ab). 150: 612, 1984
- Wolf K-J; Steidle B; Skutta T; et al: iopromide: clinical experience with a new non-ionic contrast medium (ab). 150: 612, 1984
- Wondrow MA See Gray JE  
 Wong W See Sussman S  
 Wong WS See Cochran ST  
 Wong WS; Moss AA; Federle MP; Cochran ST; London SS: renal infarction: CT diagnosis and correlation between CT findings and etiologies. 150: 201, 1984
- Wood WA; Tisnado J; Cho S-R: visceral embolization during low-dose fibrinolysis of aortic graft occlusion. (AJR). 141: 1055, 1983
- Woodring JH See Stelling CB  
 Woodring JH: recognition of pleural effusion on supine radiographs: how much fluid is required? (AJR). 142: 59, 1984
- Wright KC See Roehm Jr JOF  
 Wu WC See Ott DJ  
 Wung J-T See Berdon WE  
 Wycoff D; Raval B: unusual presentation of mediastinal Hodgkin's lymphoma on computed tomography (ab). 150: 614, 1984
- Wynne JM; Ellman BAH: bolus obstruction by Ascaris lumbricoides (ab). 150: 288, 1984
- Y**
- Yamada T See Takayasu K  
 Yang JZ See Pan EY  
 Yannias DA See Mafee MF  
 Yaru N See Cone RO  
 Yeater MV See Chakraborty DP  
 Yeung HN See Go RT  
 Yeung HN See Han JS  
 Yoder IC See Cronan JJ  
 Youkay JR See Cohen AJ  
 Young AE; Gaunt J; Croft DN; et al: location of parathyroid adenomas by thallium-201 and technetium-99m subtraction scanning (ab). 150: 302, 1984

## Young

- Young JWR; Andersen BL; Reinig JW:** oblique chest film: value in routine and selective use, (AJR), 142: 69, 1984
- Young LW** See Gaisie G
- Young LW** See Rivero H
- Young RG** See Kjos BO
- Yrizarry JM** See Greenwood LH
- Yu J-Y** See Sheu J-C
- Yu VL** See Muder RR

## Z

- Zackrisson BF; Johansson R; Bjork L; et al:** metrizamide and iothalamate meglumine in

- peripheral angiography in arterial insufficiency in the legs (ab), 150: 612, 1984
- Zajko AB; Reilly JJ Jr; Bron KM; et al:** low-dose streptokinase for occluded Hickman catheters, (AJR), 141: 1311, 1983
- Zanoni M** See Vocaturo G
- Zapanta E** See Lo WWM
- Zeit RM:** clearing of clotted dialysis shunts by streptokinase injection at multiple sites, (AJR), 141: 1053, 1983
- Zelch MG** See Risius B
- Zielinski BZ** See Wenig BL
- Zimmerman RA; Bilaniuk LT; Goldberg HI; et al:** cerebral NMR imaging: early results with a 0.12

- T resistive system, (AJR), 141: 1187, 1983
- Zimmerman RA; Bilaniuk LT; Packer RJ; et al:** computed tomographic-arteriographic correlates in acute basal ganglionic infarction of childhood (ab), 150: 859, 1984
- Zimmerman RD; Leeds NE; Danziger A:** subdural empyema: CT findings, 150: 417, 1984
- Ziskin MC** See Thickman DI
- Zornoza J** See Ramirez H Jr
- Zylak CJ; Douglas W. MacEwan, M.D. President, Radiological Society of North America, 1984 (edit), 150: 269, 1984**

## SUBJECT INDEX

### A

#### Abdomen, abscess

- intraabdominal abscesses: diagnosis by sonography and computed tomography, Mueller PR; Simeone JF, (RCNA), 21: 425, 1983
- percutaneous drainage of abdominal abscesses, Sones PJ, (AJR), 142: 35, 1984
- radiological management of abdominal abscess (ab), Mac Elean DP; Gibney RG, 150: 297, 1984

#### Abdomen, anatomy

- lesser sac and gastrohepatic recess: sonographic appearance and differentiation of fluid collections, Vincent LM; Mauro MA; Mittelstaedt CA, 150: 515, 1984

#### Abdomen, computed tomography

- computed tomography of blunt abdominal trauma, Federle MP, (RCNA), 21: 461, 1983
- CT of abdominal lymphoma after renal transplantation, Frick MP; Salomonowitz E; Hanto DW; et al, (AJR), 142: 97, 1984
- gastrohepatic ligament: normal and pathologic CT anatomy, Balfe DM; Mauro MA; Koehler RE; Lee JKT; Weyman PJ; Picus D; Peterson RR, 150: 485, 1984

- intraabdominal abscesses: diagnosis by sonography and computed tomography, Mueller PR; Simeone JF, (RCNA), 21: 425, 1983

- ultrasonic evaluation of abdominal aortic thrombus (ab), Harter LP; Gross BH; Callen PW; et al, 150: 867, 1984

#### Abdomen, injuries

- computed tomography of blunt abdominal trauma, Federle MP, (RCNA), 21: 461, 1983
- CT diagnosis of unsuspected pneumothorax after blunt abdominal trauma, Wall SD; Federle MP; Jeffrey RB; et al, (AJR), 141: 919, 1983

#### Abdomen, magnetic resonance studies

- NMR imaging of the abdomen at 0.12 T: initial clinical experience with a resistive magnet, Kressel HY; Axel L; Thickman D; et al, (AJR), 141: 1179, 1983

- NMR imaging of the abdomen: technical considerations, Buonocore E; Borkowski GP; Pavlicek W; et al, (AJR), 141: 1171, 1983

#### Abdomen, neoplasms

- rhythmic sonographic palpation (echoseismography), a new technique for malignant, benign tumor differentiation by a sonographic approach of tumor elasticity (ab), Eiserscher A; Schweg-Toffler E; Pelletier G; et al, 150: 867, 1984

#### Abdomen, radiography

- prone films of abdomen—a diagnostic tool in intestinal obstruction in children (ab), Cherian MJ; Kumar EN; Cherian K; et al, 150: 613, 1984

#### Abdomen, ultrasound studies

- abdominal ultrasound in the upright position using real-time techniques (ab), Eiserscher A; Jacquemard P; Jouffroy J; et al, 150: 297, 1984
- intraabdominal abscesses: diagnosis by sonography and computed tomography, Mueller PR; Simeone JF, (RCNA), 21: 425, 1983

#### lesser sac and gastrohepatic recess:

- sonographic appearance and differentiation of fluid collections, Vincent LM; Mauro MA; Mittelstaedt CA, 150: 515, 1984

#### rhythmic sonographic palpation

- (echoseismography), a new technique for malignant, benign tumor differentiation by a sonographic approach of tumor elasticity (ab), Eiserscher A; Schweg-Toffler E; Pelletier G; et al, 150: 867, 1984

- sectional planes of sonographic upper abdomen diagnosis (ab), Helgenberger H, 150: 297, 1984

- sonographic appearance of a gastric hemangiopericytoma (ab), Bonhof JA; Kremer H; Schumann G; et al, 150: 298, 1984
- ultrasonic evaluation of abdominal aortic thrombus (ab), Harter LP; Gross BH; Callen PW; et al, 150: 867, 1984

#### Abdominal angiography

- transaxillary abdominal angiography: use of the sidewinder-pigtail catheter, Frohlich H, 150: 265, 1984

#### Abortion

- subchorionic bleeding in threatened abortion: sonographic findings and significance, Goldstein SR; Subramanyam BR; Raghavendra BN; et al, (AJR), 141: 975, 1983

#### Abscess, percutaneous drainage

- abscess drainage with CT and ultrasound guidance, Clark RA; Towbin R, (RCNA), 21: 445, 1983
- percutaneous drainage of abdominal abscesses, Sones PJ, (AJR), 142: 35, 1984
- role of percutaneous aspiration in the diagnosis of pancreatic abscess, Hill MC; Dach JL; Barkin J; et al, (AJR), 141: 1035, 1983

#### Abscess, subperiosteal

- subperiosteal abscess of the orbit (ab), Harris CJ, 150: 862, 1984

#### Acetabulum, fractures

- CT of acetabular fractures: postoperative appearances, Mack LA; Duesdieker GA; Harley JD; et al, (AJR), 141: 891, 1983

#### Acquired immunodeficiency syndrome (AIDS)

- Kaposi sarcoma and lymphadenopathy syndrome: limitations of abdominal CT in acquired immunodeficiency syndrome, Moon KL Jr; Federle MP; Abrams DI; Volberding P; Lewis BJ, 150: 479, 1984
- monilial enteritis in acquired immunodeficiency syndrome, Radin DR; Fong T-L; Halls JM; et al, (AJR), 141: 1289, 1983

#### Adenocarcinoma

- clinical course and prognosis of patients with renal adenocarcinoma with solitary metastasis (ab), Kjaer M; Engelholm SA, 150: 303, 1984

#### Adenoma

- See as neoplasms under the name of a specific organ

#### Adrenal gland

- adrenal ablation by retrograde venous ethanol injection: an ineffective and dangerous procedure, Doppman JL; Gorton M, 150: 667, 1984

#### Adrenal gland, computed tomography

- adrenal cortex dysfunction: CT findings, Huebener K-H; Treugut H, 150: 195, 1984

- sonography of adrenal lesions causing hypertension (ab), Wicks JD; Mettler FA Jr, 150: 868, 1984

#### Adrenal gland, diseases

- adrenal cortex dysfunction: CT findings, Huebener K-H; Treugut H, 150: 195, 1984
- petrosal sinus sampling for Cushing syndrome: anatomical and technical considerations, Doppman JL; Oldfield E; Krudy AG; Chrousos GP; Schulte HM; Schaaf M; Loriaux DL, 150: 99, 1984

#### Adrenal gland, neoplasms

- sonography of adrenal lesions causing hypertension (ab), Wicks JD; Mettler FA Jr, 150: 868, 1984

#### Adrenal gland, ultrasound studies

- sonography of adrenal lesions causing hypertension (ab), Wicks JD; Mettler FA Jr, 150: 868, 1984

#### Adrenal glands, computed tomography

- histoplasmosis of the adrenal glands studied by CT, Wilson DA; Muchmore HG; Tisdal RG; Fahmy A; Pitha JV, 150: 779, 1984

#### Adrenal glands, diseases

- histoplasmosis of the adrenal glands studied by CT, Wilson DA; Muchmore HG; Tisdal RG; Fahmy A; Pitha JV, 150: 779, 1984

#### Albumin

- chemotherapy of cervical carcinoma: use of Tc-99m-MAA infusion to predict drug distribution, Kim EE; Bledin AG; Kavanagh J; Haynie TP; Chuang VP, 150: 677, 1984

#### Alcohol

- therapeutic embolization of infantile hepatic hemangioma with polyvinyl alcohol, Stanley P; Grinnell VS; Stanton RE; et al, (AJR), 141: 1047, 1983

#### Alcoholism

- variceal bleeding and computed tomography (ab), Butler H; Alfid RJ, 150: 866, 1984

#### Amniocentesis

- intrauterine bleeding following transplacental amniocentesis (ab), Perkes EA; Baim RS; Clair MR; et al, 150: 299, 1984

#### Amniotic fluid

- ultrasonographic demonstration of floating particles in amniotic fluid (ab), Parulekar SG, 150: 616, 1984

#### Anaphylaxis and allergy

- anaphylactic reaction to orthotidophippate (ab), Stockel M; Ennow K; Kristensen K; et al, 150: 617, 1984

#### Anemia

- magnetic resonance imaging of transfusional hemosiderosis complicating thalassemia major, Brasch RC; Wesbey GE; Gooding CA; Koerper MA, 150: 767, 1984

#### Aneurysm, aortic

- digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore D; Modic MT; Meaney TF, 150: 323, 1984
- percutaneous arterial grafting, Cragg AH; Lund G; Rysavy JA; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, 150: 45, 1984



## Aneurysm, aortic

- successful treatment of primary aorta-esophageal fistula resulting from aortic aneurysm (ab), Snyder DM; Crawford ES, 150: 854, 1984
- Aneurysm, cerebral**  
polycystic kidney disease and intracranial aneurysms: early angiographic diagnosis and early operation for the unruptured aneurysm (ab), Wakabayashi T; Fujita S; Ohbora Y; et al, 150: 290, 1984  
subdural hematoma secondary to ruptured intracranial aneurysm: computed tomographic diagnosis (ab), Williams JP; Joslyn JN; White JL; et al, 150: 290, 1984
- Aneurysm, pulmonary**  
multiple mycotic pulmonary artery aneurysms secondary to intravenous drug abuse, SanDretto MA; Scanlon GT, (AJR), 142: 89, 1984
- Angiography**  
cerebral angiography with iohexol, a multicenter clinical trial (ab), Amundsen P; Dugstad G; Presthus J; et al, 150: 862, 1984  
subselective magnification angiography of experimental pneumonia (ab), Bookstein JJ; Alazraki NP; Jassy LN, 150: 301, 1984
- Angiography, contrast media**  
iopamidol compared with Conray in peripheral angiography (ab), Wojciechowski J; Johansson R; Bjork L, 150: 612, 1984  
metrizamide and iothalamate meglumine in peripheral angiography in arterial insufficiency in the legs (ab), Zackrisson BF; Johansson R; Bjork L; et al, 150: 612, 1984
- Angiography, radionuclide**  
first-pass radionuclide angiography via pulmonary arterial catheters: a critical analysis of background components, Dymond DS; Grenier RP; Carpenter J; Schmidt KD, 150: 819, 1984
- Angioma, digestive system**  
therapeutic embolization of infantile hepatic hemangioma with polyvinyl alcohol, Stanley P; Grinnell VS; Stanton RE; et al, (AJR), 141: 1047, 1983
- Ankle, abnormalities**  
persistent medial deviation of the neck of the talus: a common cause of in-toeing in children (ab), Bleck EE; Minaire P, 150: 614, 1984
- Ankle, injuries**  
radiographic classification of ankle injuries (ab), DeSmet AA; Reckling FW; McNamara GR, 150: 856, 1984
- Anorexia nervosa**  
anorexia nervosa: a cause of pericardial effusion? (ab), Silverman JA; Krongrad E, 150: 858, 1984
- Anus, neoplasms**  
anorectal giant condyloma acuminatum (Buschke-Leowenstein tumor): CT and radiographic manifestations, Balthazar EJ; Streiter M; Megibow AJ, 150: 651, 1984
- Aorta, computed tomography**  
acute disease of the aorta: diagnosis by computed tomography and ultrasonography, Godwin JD; Korobkin M, (RCNA), 21: 551, 1983
- Aorta, diseases**  
acute disease of the aorta: diagnosis by computed tomography and ultrasonography, Godwin JD; Korobkin M, (RCNA), 21: 551, 1983
- Aorta, dissection**  
digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore D; Modic MT; Meany TF, 150: 323, 1984
- Aorta, grafts**  
visceral embolization during low-dose fibrinolysis of aortic graft occlusion, Wood WA; Tisnado J; Cho S-R, (AJR), 141: 1055, 1983
- Aorta, injuries**  
radiographic signs of acute traumatic rupture of the thoracic aorta, Sefczek DM; Sefczek RJ; Deeb ZL, (AJR), 141: 1259, 1983
- Aorta, rupture**  
radiographic signs of acute traumatic rupture of the thoracic aorta, Sefczek DM; Sefczek RJ; Deeb ZL, (AJR), 141: 1259, 1983
- Aorta, stenosis**  
digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore D; Modic MT; Meany TF, 150: 323, 1984
- Aorta, ultrasound studies**  
acute disease of the aorta: diagnosis by computed tomography and ultrasonography, Godwin JD; Korobkin M, (RCNA), 21: 551, 1983
- Appendix**  
ultrasonographic findings in diseases of the appendix (ab), Parulekar SG, 150: 298, 1984
- Arteries, extremities**  
low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, 150: 375, 1984  
percutaneous transluminal angioplasty for arterial disease of the lower extremities, Katzen BT, (AJR), 142: 23, 1984  
percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, 150: 363, 1984
- Arteries, grafts**  
percutaneous arterial grafting, Cragg AH; Lund G; Rysavy JA; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, 150: 45, 1984
- Arteries, hepatic**  
hepatic arterial embolization for hepatocellular carcinoma: comparison of CT scans and resected specimens, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Yamada T; Kishi K; Hasagawa H; Okazaki N, 150: 661, 1984  
hepatocellular carcinoma treated by transcatheter arterial embolization: progress evaluated by computed tomography, Furui S; Otomo K; Itai Y; Iio M, 150: 773, 1984
- Arteries, injuries**  
proximal tibial physis fracture and popliteal artery injury, Rivero H; Bolden R; Young LW, 150: 390, 1984
- Arteries, magnetic resonance studies**  
nuclear magnetic resonance: principles of blood flow imaging, Mills CM; Brant-Zawadzki M; Crooks LE; et al, (AJR), 142: 165, 1984
- Arteries, mesenteric**  
transluminal angioplasty of the superior mesenteric artery: an alternative to surgical revascularization, Roberts L Jr; Wertman DA Jr; Mills SR; et al, (AJR), 141: 1039, 1983
- Arteries, peripheral**  
contrast media hyperemia and Doppler measurements in peripheral arterial disease, Lipchik EO; Ogren C, (AJR), 142: 133, 1984
- Arteries, stenosis**  
contrast media hyperemia and Doppler measurements in peripheral arterial disease, Lipchik EO; Ogren C, (AJR), 142: 133, 1984  
percutaneous transluminal angioplasty for arterial disease of the lower extremities, Katzen BT, (AJR), 142: 23, 1984  
percutaneous transluminal coronary angioplasty: current procedure and future direction, Hall D; Gruentzig A, (AJR), 142: 13, 1984
- Arteries, subclavian**  
angioplasty of subclavian artery stenosis proximal to the vertebral origin, Damuth HD Jr; Diamond AB; Rappoport AS; et al, (AJNR), 4: 1239, 1983
- Arteries, therapeutic blockade**  
embolotherapy in vascular disease, White RI Jr, (AJR), 142: 27, 1984  
hepatic arterial embolization for hepatocellular carcinoma: comparison of CT scans and resected specimens, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Yamada T; Kishi K; Hasagawa H; Okazaki N, 150: 661, 1984  
hepatocellular carcinoma treated by transcatheter arterial embolization: progress evaluated by computed tomography, Furui S; Otomo K; Itai Y; Iio M, 150: 773, 1984  
intramuscular hemangioma (ab), Cohen AJ; Youke JR; Clagett GP; et al, 150: 858, 1984  
pancreatic and peripancreatic vessels: embolization for control of bleeding in pancreatitis, Vujic I; Andersen BL; Stanley JH; Gobien RP, 150: 51, 1984
- Arteries, transluminal angioplasty**  
angioplasty of subclavian artery stenosis proximal to the vertebral origin, Damuth HD Jr; Diamond AB; Rappoport AS; et al, (AJNR), 4: 1239, 1983  
balloon-inflation device: the inflation helix, Salomonowitz E; Kotula F; Coleman CC; Hunter DW; Castaneda-Zuniga WR; Amplatz K, 150: 587, 1984
- percutaneous arterial grafting, Cragg AH; Lund G; Rysavy JA; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, 150: 45, 1984
- percutaneous embolotomy by transcatheter aspiration, Sniderman KW; Bodner L; Saddekni S; Srur M; Sos TA, 150: 357, 1984
- percutaneous transluminal angioplasty for arterial disease of the lower extremities, Katzen BT, (AJR), 142: 23, 1984
- percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, 150: 363, 1984
- percutaneous transluminal coronary angioplasty: current procedure and future direction, Hall D; Gruentzig A, (AJR), 142: 13, 1984
- subclavian and carotid angioplasties for Takayasu's arteritis (ab), Hodgins GW; Dutton JW, 150: 857, 1984
- transluminal angioplasty of the superior mesenteric artery: an alternative to surgical revascularization, Roberts L Jr; Wertman DA Jr; Mills SR; et al, (AJR), 141: 1039, 1983
- Arteries, ultrasound studies**  
duplex ultrasound imaging: vascular applications, Wetzner SM; Kiser LC; Bezreh JS, 150: 507, 1984
- Arteriosclerosis**  
diffuse arterial narrowing after thromboembolism with the Fogarty balloon catheter, Greenwood LH; Hallett JW Jr; Yrizarry JM; et al, (AJR), 142: 141, 1984
- Arteriovenous malformations, cerebral**  
CT of thrombosed arteriovenous malformations in children, Mitnick JS; Pinto RS; Lin JP; Rose H; Lieberman A, 150: 385, 1984  
progressive thrombosis of brain arteriovenous malformations after embolization with isobutyl 2-cyanoacrylate, Vinuela F; Fox AJ; Debrun G; et al, (AJNR), 4: 1233, 1983
- Arteriovenous malformations, hepatic**  
hereditary hemorrhage telangiectasia: sonographic findings in the liver, Clogman HM; DiCapo RD, 150: 521, 1984
- Arteriovenous malformations, pulmonary**  
neurologic manifestations revealing pulmonary arteriovenous fistulas (ab), Deramond H; Remond A; Thiebot J; et al, 150: 861, 1984  
pulmonary arteriovenous malformations: physiologic observations and results of therapeutic balloon embolization (ab), Terry PB; White RI Jr; Barth KH; et al, 150: 857, 1984
- Arteriovenous malformations, spinal**  
digital subtraction arteriography for spinal arteriovenous malformation, Levy JM; Hessel SJ; Christensen FK; et al, (AJNR), 4: 1217, 1983
- Arteritis**  
subclavian and carotid angioplasties for Takayasu's arteritis (ab), Hodgins GW; Dutton JW, 150: 857, 1984
- Arthritis**  
progressive pseudorheumatoid arthritis of childhood (PPAC): a hereditary disorder simulating rheumatoid arthritis (ab), Spranger J; Albert C; Schilling F; et al, 150: 860, 1984
- Arthrography**  
anomalous ossicle of the articular process: arthrography and facet block, Raymond J; Dumas J-M, (AJR), 141: 1233, 1983
- Arthrography, technology**  
arthrographic visualization of rotator cuff tears: optimal application of stress to the shoulder, Garcia JF, 150: 595, 1984
- Asclites**  
lesser sac and gastrohepatic recess: sonographic appearance and differentiation of fluid collections, Vincent LM; Mauro MA; Mittelstaedt CA, 150: 515, 1984  
ultrasonic anatomical study of the lesser omental sac: a pictorial essay (ab), Weill FS; Perriguet G; Belloir A; et al, 150: 868, 1984

## B

**Barium enema examination**

colon polyp morphology on double-contrast barium enema: its pathologic predictive value, Ott DJ; Gelfand DW; Wu WC; et al, (AJR), 141: 965, 1983

effect of glucagon on the diagnostic accuracy of double-contrast barium enema examinations, Thoeni RF; Vandeman F; Wall SD, (AJR), 142: 111, 1984

fluoroscopic barium enema in colonic polyp detection, Teeffey SA; Carlson HC, (AJR), 141: 1279, 1983

Hirschsprung disease: accuracy of the barium enema examination, Rosenfield NS; Ablow RC; Markowitz RI; DiPietro M; Seashore JH; Touloukian RJ; Cicchetti DV, 150: 393, 1984

**Barium enema examination, complications**

new, safe balloon enema tip, Lu CC, 150: 835, 1984

**Barium enema examination, technology**

new, safe balloon enema tip, Lu CC, 150: 835, 1984

**Barrett's esophagus**

See Esophagus, abnormalities

**Basal ganglia**

computed tomographic-arteriographic correlates in acute basal ganglionic infarction of childhood (ab), Zimmerman RA; Bilaniuk LT; Packer RJ; et al, 150: 859, 1984

**Bile duct radiography**

cholangiographic evaluation of bile duct carcinoma, Nichols DA; MacCarty RL; Gaffey TA, (AJR), 141: 1291, 1983

**Bile ducts, calculi**

percutaneous transhepatic electrohydraulic lithotripsy, Lear JL; Ring EA; Macoviak JA; Baum S, 150: 589, 1984

retroperitoneal perforation during duodenoscopic sphincterotomy, Byrne P; Leung JWC; Cotton PB, 150: 383, 1984

**Bile ducts, computed tomography**

computed tomographic demonstration of hemobilia (ab), Vujic I; Stanley JH; Tyminski L; et al, 150: 296, 1984

**Bile ducts, hemorrhage**

computed tomographic demonstration of hemobilia (ab), Vujic I; Stanley JH; Tyminski L; et al, 150: 296, 1984

**Bile ducts, neoplasms**

cholangiographic evaluation of bile duct carcinoma, Nichols DA; MacCarty RL; Gaffey TA, (AJR), 141: 1291, 1983

interventional radiology rounds: University of California, San Francisco. percutaneous biliary drainage in the management of cholangiocarcinoma, Kerlan RK Jr; Pogany AC; Goldberg HL; et al, (AJR), 141: 1295, 1983

**Bile ducts, percutaneous drainage**

biliary endoprosthesis. insertion using a combined peroral-transhepatic method, Kerlan RK Jr; Ring EJ; Pogany AC; Jeffrey RB Jr, 150: 828, 1984

interventional biliary radiology, Ring EJ; Kerlan RK Jr, (AJR), 142: 31, 1984

interventional radiology rounds: University of California, San Francisco. percutaneous biliary drainage in the management of cholangiocarcinoma, Kerlan RK Jr; Pogany AC; Goldberg HL; et al, (AJR), 141: 1295, 1983

percutaneous transhepatic electrohydraulic lithotripsy, Lear JL; Ring EA; Macoviak JA; Baum S, 150: 589, 1984

retroperitoneal perforation during duodenoscopic sphincterotomy, Byrne P; Leung JWC; Cotton PB, 150: 383, 1984

rib erosion: late complication of long-standing biliary drainage catheters, Severini A; Bellomi M; Cozzi G; Bellegotti L; Lattuada A, 150: 666, 1984

**Bile ducts, prosthesis**

interventional biliary radiology, Ring EJ; Kerlan RK Jr, (AJR), 142: 31, 1984

**Bile ducts, stenosis**

biliary endoprosthesis. insertion using a combined peroral-transhepatic method, Kerlan RK Jr; Ring EJ; Pogany AC; Jeffrey RB Jr, 150: 828, 1984

interventional biliary radiology, Ring EJ; Kerlan RK Jr, (AJR), 142: 31, 1984

**Bile ducts, stone extraction**

interventional biliary radiology, Ring EJ; Kerlan RK Jr, (AJR), 142: 31, 1984

retroperitoneal perforation during duodenoscopic sphincterotomy, Byrne P; Leung JWC; Cotton PB, 150: 383, 1984

**Bile ducts, ultrasound studies**

width of the common bile duct in relation to age and stone disease. an ultrasonographic study (ab), Kaude JV, 150: 615, 1984

**Biopsies**

needle biopsy and metastasis. investigation in rats (ab), Muhlberger G; Gottschalk A; Gericke D, 150: 288, 1984

role of computed tomography-guided needle biopsy in an oncology service (ab), Husband JE; Golding SJ, 150: 296, 1984

**Biopsies, technology**

computed-tomographic-guided biopsy of small apical and peripheral upper-lobe lung masses, Gatenby RA; Mulhern CB Jr; Broder GJ; Moldofsky PJ, 150: 591, 1984

percutaneous biopsy, Bernardino ME, (AJR), 142: 41, 1984

transection of the localization hooked wire during breast biopsy, Homer MJ, (AJR), 141: 929, 1983

ultrasound-directed transvaginal aspiration biopsy of pelvic masses (ab), Graham D; Sanders RC, 150: 299, 1984

**Bladder, ultrasound studies**

cystosonography in the detection of bladder tumors: a prospective and retrospective study (ab), Cronan JJ; Simeone JF; Pfister RC; et al, 150: 301, 1984

**Bladder neoplasms**

cystosonography in the detection of bladder tumors: a prospective and retrospective study (ab), Cronan JJ; Simeone JF; Pfister RC; et al, 150: 301, 1984

**Blastomycosis**

miliary pulmonary blastomycosis, Stelling CB; Woodring JH; Rehm SR; Hopper DW; Noble RC, 150: 7, 1984

pulmonary blastomycosis: radiologic manifestations, Halvorsen RA; Duncan JD; Merten DF; Gallis HA; Putman CE, 150: 1, 1984

**Blood-brain barrier**

comparison of blood-brain barrier disruption following intracarotid metrizamide and methylglucamine iohalolamide (conray 280) (ab), Sage MR; Wilcox J; Evill CA; et al, 150: 862, 1984

**Blood vessels**

use of technetium-99m macroaggregated albumin to evaluate the position and condition of totally implanted venous and arterial access devices, Lee RGL; Hill TC; Lokich JJ; Bothe A Jr; Moore C; Clouse ME, 150: 593, 1984

**Bone neoplasms**

chondrosarcoma: correlation of radiological and histological grade, Rosenthal DI; Schiller AL; Mankin HJ, 150: 21, 1984

radiologist's role in the management of chondrosarcoma (opin), Lodwick GS, 150: 275, 1984

thoughts on the diagnosis of bone tumors (opin), Freiburger R, 150: 276, 1984

**Bone neoplasms, secondary**

osseous metastases from renal cell carcinoma: embolization and surgery for restoration of function. work in progress, Rowe DM; Becker GJ; Rabe FE; Holden RW; Richmond BD; Wass JL; Sequeira FW, 150: 673, 1984

**Bone neoplasms, therapeutic radiology**

multiple daily fractions of radiation in the palliation of pain from bone metastases (ab), Martin WMC, 150: 303, 1984

osseous metastases from renal cell carcinoma: embolization and surgery for restoration of function. work in progress, Rowe DM; Becker GJ; Rabe FE; Holden RW; Richmond BD; Wass JL; Sequeira FW, 150: 673, 1984

**Bones**

bones and joints in diabetes mellitus. vol. 4 in series in radiology (bk rev), Forgacs S, Reviewed by Gondos B, 150: 326, 1984

**Bones, computed tomography**

acetabular fracture assessment with computerized tomography (ab), Rubenstein J; Kellam J; McGonigal D, 150: 866, 1984

chondrosarcoma: correlation of radiological and histological grade, Rosenthal DI; Schiller AL; Mankin HJ, 150: 21, 1984

complex musculoskeletal anatomy: analysis using three dimensional surface reconstruction, Totty WG; Vannier MW, 150: 173, 1984

cross-sectional anatomy of the adult bony acetabulum (ab), Rubenstein J; Kellam J; McGonigal D, 150: 866, 1984

intraosseous pneumatocysts of the ilium: findings on radiographs and CT scans, Ramirez H Jr; Blatt ES; Cable HF; McComb BL; Zornoza J; Hibri NS, 150: 503, 1984

**Bones, cysts**

intraosseous pneumatocysts of the ilium: findings on radiographs and CT scans, Ramirez H Jr; Blatt ES; Cable HF; McComb BL; Zornoza J; Hibri NS, 150: 503, 1984

nature of humeral pseudocysts, Resnick D; Cone RO III, 150: 27, 1984

**Bones, magnetic resonance studies**

osteomyelitis in children: detection by magnetic resonance, Fletcher BD; Scoles PV; Nelson AD, 150: 57, 1984

**Bones, measurement**

applications of pattern profile analysis to malformations of the head and face, Garn SM; Smith BH; LaVelle M, 150: 683, 1984

**Bones, osteochondrodysplasias**

nature of the mandibular lesion in Melnick-Needles syndrome (L), Leonard MS; Gorlin RJ, 150: 844, 1984

respiratory complications of achondroplasia (ab), Stokes DC; Phillips JA; Leonard CO; et al, 150: 289, 1984

**Bones, radionuclide studies**

myositis ossificans and the three-phase bone scan, Drane WE, (AJR), 142: 179, 1984

painful os styloideum: bone scintigraphy in carpal boss disease, Apple JS; Martinez S; Nunley JA, (AJR), 142: 181, 1984

significance of the solitary lesion in pediatric bone scanning: concise communication (ab), Brown ML, 150: 613, 1984

**Book reviews**

Bellon EM, radiologic interpretation of ERCP: a clinical atlas, Reviewed by Schabel SI, 150: 638, 1984

Bontrager KL; Anthony BT, textbook of radiographic positioning and related anatomy, Reviewed by Sweredoski R, 150: 6, 1984

Bouchard EA, radiology management: an introduction, Reviewed by Roberts JW Jr, 150: 310, 1984

Felman AH, pediatric chest, Reviewed by Cockington RA, 150: 700, 1984

Forgacs S, bones and joints in diabetes mellitus. vol. 4 in series in radiology, Reviewed by Gondos B, 150: 326, 1984

Kaltenbach M; Klepzig H eds., röntgenologische herztumorenbestimmung, Reviewed by Flachs K, 150: 6, 1984

Newton TH; Potts DG, eds, computed tomography of the spine and spinal cord, modern neuroradiology. vol. 1, Reviewed by Latchaw RE, 150: 484, 1984

Sarwar M; Azar-kia B; Batnitzky S, basic neuroradiology, Reviewed by Hammerschlag SB, 150: 718, 1984

Sellink JL, radiology of the small bowel: modern enteroclysis technique and atlas, Reviewed by Miller RE, 150: 344, 1984

**Brain**

positron emission tomograph to study brain metabolism in man (ab), Garnett ES; Nahmias C; Kenyon DB; et al, 150: 872, 1984

**Brain, abnormalities**

Dandy-Walker syndrome: recognition by sonography, Taylor GA; Sanders RC, (AJNR), 4: 1203, 1983

lissencephaly: computed tomographic diagnosis (ab), Williams JP; Joslyn JN, 150: 865, 1984

schizencephaly (ab), Williams JP; Blalock CP; Dunaway CL; et al, 150: 289, 1984

**Brain, abscess**

subdural empyema: CT findings, Zimmerman RD; Leeds NE; Danziger A, 150: 417, 1984

**Brain, aneurysm**

See Aneurysm, cerebral

**Brain, calcification**

intracranial calcification in survivors of childhood medulloblastoma (ab), Pearson ADJ; Campbell AN; McAllister VL; et al, 150: 613, 1984

**Brain, cysts**

dense dermoids in craniocervical region (ab), Cecchini A; Pezzotta S; Paoletti P; et al, 150: 865, 1984

sonographic recognition of multiple cystic encephalomalacia, Stannard MW; Jimenez JF, (AJR), 141: 1321, 1983

## Brain, diseases

### Brain, diseases

factors affecting outcome in hypoxic-ischemic encephalopathy in term infants (ab).  
Finer NN; Robertson CM; Peters KL; et al. 150: 613, 1984

**Brain, hemorrhage**  
caudothalamic groove: value in identification of germinal matrix hemorrhage by sonography in preterm neonates, Bowie JD; Kirks DR; Rosenberg ER; et al. (AJR), 141: 1317, 1983

chronic subdural hematoma demonstration by magnetic resonance, Sipponen JT; Sepponen RE; Sivula A. 150: 79, 1984

neonatal intracerebellar hemorrhage: detection by real-time ultrasound, Peterson CM; Smith WL; Franken EA. 150: 391, 1984

sonographic recognition of in utero intraventricular hemorrhage, McGahan JP; Haesslein HC; Meyers M; et al. (AJR), 142: 171, 1984

subdural hematoma secondary to ruptured intracranial aneurysm: computed tomographic diagnosis (ab), Williams JP; Joslyn JN; White JL; et al. 150: 290, 1984

### Brain, infarction

dystonia caused by putamino-capsulo-caudate vascular lesions (ab), Demierre B; Rondot P. 150: 860, 1984

imaging local brain function with emission computed tomography, Kuhl DE. 150: 625, 1984

### Brain, ischemia

proton nuclear magnetic resonance imaging of acute experimental cerebral ischemia (ab), Mano I; Levy RM; Crooks LE; et al. 150: 295, 1984

**Brain, magnetic resonance studies**  
brain nuclear magnetic resonance imaging enhanced by a paramagnetic nitroxide contrast agent: preliminary report, Brasch RC; Nitecki DE; Brant-Zawadzki M; et al. (AJR), 141: 1019, 1983

cerebral NMR imaging: early results with a 0.12 T resistive system, Zimmerman RA; Bilaniuk LT; Goldberg HI; et al. (AJR), 141: 1187, 1983

chronic subdural hematoma demonstration by magnetic resonance, Sipponen JT; Sepponen RE; Sivula A. 150: 79, 1984

clinical NMR imaging of the brain in children: normal and neurologic disease, Johnson MA; Pennekot JM; Bydder GM; et al. (AJR), 141: 1005, 1983

magnetic resonance imaging in the evaluation of the brainstem, Han JS; Bonstelle CT; Kaufman B; Benson JE; Alfidi RJ; Clompitt M; Van Dyke C; Huss RG. 150: 705, 1984

magnetic resonance imaging of brain tumors: measurement of T1, Araki T; Inouye T; Suzuki H; Machida T; Iio M. 150: 95, 1984

nuclear magnetic resonance (NMR) tomography of the central nervous system: comparison of two imaging sequences (ab), Huk W; Heindel W; Deimling M; et al. 150: 864, 1984

primary intracranial tumor imaging: a comparison of magnetic resonance and CT, Brant-Zawadzki M; Badami JP; Mills CM; Norman D; Newton TH. 150: 435, 1984

proton nuclear magnetic resonance imaging of acute experimental cerebral ischemia (ab), Mano I; Levy RM; Crooks LE; et al. 150: 295, 1984

### Brain, radionuclide studies

imaging local brain function with emission computed tomography, Kuhl DE. 150: 625, 1984

**Brain, ultrasound studies**  
caudothalamic groove: value in identification of germinal matrix hemorrhage by sonography in preterm neonates, Bowie JD; Kirks DR; Rosenberg ER; et al. (AJR), 141: 1317, 1983

Dandy-Walker syndrome: recognition by sonography, Taylor GA; Sanders RC. (AJNR), 4: 1203, 1983

neonatal intracerebellar hemorrhage: detection by real-time ultrasound, Peterson CM; Smith WL; Franken EA. 150: 391, 1984

occipital horn of the lateral ventricles in premature infants: an ultrasonographic study (ab), Reeder JD; Kaude JV; Setzer ES. 150: 858, 1984

### Brain neoplasms

cerebral gliomas: malignancy, limits, and spatial configuration (ab), Daumas-Duport C; Meder JF; Monsaingeon V; et al. 150: 861, 1984

chronic isolated abducens paresis from tumors at the base of the brain (ab), Currie J; Lubin JH; Lessell S. 150: 292, 1984

localization of malignant glioma by a radiolabelled human monoclonal antibody (ab), Phillips J; Alderson T; Sicora K; et al. 150: 861, 1984

magnetic resonance imaging of brain tumors: measurement of T1, Araki T; Inouye T; Suzuki H; Machida T; Iio M. 150: 95, 1984

**Brain neoplasms, computed tomography**  
cerebral gliomas: malignancy, limits, and spatial configuration (ab), Daumas-Duport C; Meder JF; Monsaingeon V; et al. 150: 861, 1984

**Brain neoplasms, radionuclide diagnosis**  
localization of malignant glioma by a radiolabelled human monoclonal antibody (ab), Phillips J; Alderson T; Sicora K; et al. 150: 861, 1984

**Breast**  
intramammary lymph nodes (ab), Egan RL; McSweeney MB. 150: 612, 1984

**Breast, biopsy**  
transection of the localization hooked wire during breast biopsy, Homer MJ. (AJR), 141: 929, 1983

**Breast, magnetic resonance studies**  
nuclear magnetic resonance imaging of the breast: work in progress, El Yousef SJ; Duchesneau RH; Alfidi RJ; Haaga JR; Bryan PJ; LiPuma JP. 150: 761, 1984

**Breast, male**  
ultrasound mammography for male breast enlargement (ab), Cole-Beuglet C; Schwartz GF; Kurtz AB; et al. 150: 868, 1984

**Breast, therapeutic radiology**  
intraoperative interstitial implantation of iridium 192 in the breast, Mansfield CM; Jewell WR. 150: 600, 1984

**Breast, ultrasound studies**  
rhythmic sonographic palpation (echoseismography) of the breast: a new technique to differentiate benign and malignant tumors using ultrasound and tissue elasticity (ab), Eisencher A; Schweg-Topfner E; Pelletier G; et al. 150: 301, 1984

ultrasound mammography for male breast enlargement (ab), Cole-Beuglet C; Schwartz GF; Kurtz AB; et al. 150: 868, 1984

ultrasound transmission computed tomography of the breast, Schreiman JS; Gisvold JJ; Greenleaf JF; Bahn RC. 150: 523, 1984

**Breast neoplasms**  
extraosseous osteogenic sarcoma of the breast: mammographic and pathologic findings, Watt AC; Haggard AM; Krasicky GA. 150: 34, 1984

occult breast abnormalities: percutaneous preoperative needle localization, Meyer JE; Kopans DB; Stomper PC; Lindfors KK. 150: 335, 1984

rhythmic sonographic palpation (echoseismography) of the breast: a new technique to differentiate benign and malignant tumors using ultrasound and tissue elasticity (ab), Eisencher A; Schweg-Topfner E; Pelletier G; et al. 150: 301, 1984

**Breast neoplasms, diagnosis**  
diaphanography as a means of detecting breast cancer, Marshall V; Williams DC; Smith KD. 150: 339, 1984

temporal variations of temperature of the breast by cholesteric liquid crystal contact plate thermography (ab), Borten M; Dileo LA; Friedman EA. 150: 856, 1984

ultrasound mammography for male breast enlargement (ab), Cole-Beuglet C; Schwartz GF; Kurtz AB; et al. 150: 868, 1984

**Breast neoplasms, radiology**  
interstitial radiation therapeutic techniques at Mount Vernon Hospital (ab), Denham JW; Strickland P; Alderson AM; et al. 150: 870, 1984

**Breast neoplasms, ultrasound diagnosis**  
ultrasound transmission computed tomography of the breast, Schreiman JS; Gisvold JJ; Greenleaf JF; Bahn RC. 150: 523, 1984

### Breast radiography

dosage evaluation in mammography, Stanton L; Villafana T; Day JL; Lightfoot DA. 150: 577, 1984

**Breast radiography, radiation dose**  
dosage evaluation in mammography, Stanton L; Villafana T; Day JL; Lightfoot DA. 150: 577, 1984

**Bronchi**  
bronchiolitis: its detection by computed tomography in patients with recurrent hemoptysis of unknown etiology (ab), Shin MS; Ho K-J. 150: 614, 1984

**Bronchi, computed tomography**  
CT identification of bronchopulmonary segments: 50 normal subjects, Osborne D; Vock P; Godwin JD; et al. (AJR), 142: 47, 1984

obscure pulmonary masses: bronchial impaction revealed by CT, Pugatch RD; Gale ME. (AJR), 141: 909, 1983

**Bronchi, neoplasms**  
endobronchial non-Hodgkin's lymphoma (ab), Kilgore TL; Chasen MH. 150: 853, 1984

obscure pulmonary masses: bronchial impaction revealed by CT, Pugatch RD; Gale ME. (AJR), 141: 909, 1983

**Bronchi, stenosis**  
bronchial obstruction: a radiographic sign, Berdon WE; Dee G; Abramson SJ; Altman RP; Wung J-T. 150: 691, 1984

**Bucrylate**  
embolotherapy in vascular disease, White RI Jr. (AJR), 142: 27, 1984

**Budd-Chiari syndrome**  
See Thrombosis, hepatic vein

## C

### Candidiasis

aphthoid ulcerations in ileocolic candidiasis, Gedgaudas-McClees RK. (AJR), 141: 973, 1983

### Carbon dioxide

percutaneous renal stone removal. use of carbon dioxide as contrast material, Salomonowitz E; Castaneda-Zuniga WR; Lange PH; Cragg AH; Lund G; Hunter DW; Coleman CC; Amplatz K. 150: 833, 1984

### Carcinoid

sonographic diagnosis of malignant carcinoid of the small intestine (ab), Swobodnik W; Wechsler JG; Ditschuneit H. 150: 298, 1984

**Carotid arteries, computed tomography**  
carotid body tumor seen on computed tomography (ab), Newmark H III; Mellon WS Jr; Bhagwanani DG; et al. 150: 865, 1984

**Carotid arteries, ultrasound studies**  
duplex ultrasound imaging: vascular applications, Wetzner SM; Kiser LC; Bezreh JS. 150: 507, 1984

**Carotid body, neoplasms**  
carotid body tumor seen on computed tomography (ab), Newmark H III; Mellon WS Jr; Bhagwanani DG; et al. 150: 865, 1984

**Catheters and catheterization**  
acute pancreatitis in obstructive jaundice following combined internal and external percutaneous transhepatic duct drainage (PTBD) (ab), Luska G; Poser H. 150: 857, 1984

low-dose streptokinase for occluded Hickman catheters, Zajko AB; Reilly JJ Jr; Bron KM; et al. (AJR), 141: 1311, 1983

pulmonary arteriovenous malformations. physiologic observations and results of therapeutic balloon embolization (ab), Terry PB; White RI Jr; Barth KH; et al. 150: 857, 1984

**Catheters and catheterization, complications**  
diffuse arterial narrowing after thromboembolism with the Fogarty balloon catheter, Greenwood LH; Hallett JW Jr; Yrizarry JM; et al. (AJR), 142: 141, 1984

fractured catheter: unusual complication of percutaneous nephrostomy (ab), Benson KH; Watson RA; Deshon GE Jr; et al. 150: 858, 1984

rib erosion: late complication of long-standing biliary drainage catheters, Severini A; Bellomi M; Cozzi G; Bellegotti L; Lattuada A. 150: 666, 1984



# Catheters and catheterization, technology

balloon-inflation device: the inflation helix, Salomonowitz E; Kotula F; Coleman CC; Hunter DW; Castaneda-Zuniga WR; Amplatz K, 150: 587, 1984

biliary endoprosthesis: insertion using a combined peroral-transhepatic method, Kerlan RK Jr; Ring EJ; Pogany AC; Jeffrey RB Jr, 150: 828, 1984

catheter pericardiocentesis in the postoperative period (ab), Erikson U; Aberg T; Klinge G, 150: 857, 1984

esophageal strictures in children: treatment by balloon dilatation, Ball WS; Strife JL; Rosenkrantz J; Towbin RB; Noseworthy J, 150: 263, 1984

Foley catheter removal of blunt esophageal foreign bodies: experience with 100 consecutive children (ab), Campbell JB; Quattromani FL; Foley LC, 150: 613, 1984

manipulation of vena cava filters: locked-catheter technique, Glass TA; D'Souza VJ; Velasquez G; Formanek AG; Meredith J; Albertson D, 150: 258, 1984

percutaneous arterial grafting, Cragg AH; Lund G; Rysavy JA; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, 150: 45, 1984

transaxillary abdominal angiography: use of the sidewinder-pigtail catheter, Frohlich H, 150: 265, 1984

use of technetium-99m macroaggregated albumin to evaluate the position and condition of totally implanted venous and arterial access devices, Lee RGL; Hill TC; Lokich JJ; Bothe A Jr; Moore C; Clouse ME, 150: 593, 1984

# Celiac disease

"bubbly" duodenal bulb in celiac disease: radiologic-pathologic correlation, Jones B; Bayless TM; Hamilton SR; et al, (AJR), 142: 119, 1984

# Cerebral angiography

polycystic kidney disease and intracranial aneurysms: early angiographic diagnosis and early operation for the unruptured aneurysm (ab), Wakabayashi T; Fujita S; Ohbora Y; et al, 150: 290, 1984

# Cerebral blood vessels

leakage of iodinated contrast material into the cerebral ventricles in an adult with endomyelitis, Sullivan WT; Dorwart RH, (AJNR), 4: 1251, 1983

# Cerebral blood vessels, angiography

See Cerebral angiography

# Cerebral blood vessels, flow dynamics

effect of head turning on blood flow in lateral sinuses of nonhuman primates, Gabrielsen TO; D'Alecy LG; Knake JE; et al, (AJNR), 4: 1219, 1983

single-photon emission computed tomography: a method of measuring cerebral blood flow in three dimensions (preliminary results of studies in patients with epilepsy and stroke) (ab), Uren RF; Magistretti PL; Royal HD; et al, 150: 290, 1984

# Cerebral blood vessels, therapeutic blockade

progressive thrombosis of brain arteriovenous malformations after embolization with isobutyl 2-cyanoacrylate, Vinuela F; Fox AJ; Debrun G; et al, (AJNR), 4: 1233, 1983

# Chemotherapy

chemotherapy of cervical carcinoma: use of Tc-99m-MAA infusion to predict drug distribution, Kim EE; Bledin AG; Kavanagh J; Haynie TP; Chuang VP, 150: 677, 1984

use of technetium-99m macroaggregated albumin to evaluate the position and condition of totally implanted venous and arterial access devices, Lee RGL; Hill TC; Lokich JJ; Bothe A Jr; Moore C; Clouse ME, 150: 593, 1984

# Chest

See Thorax

# Children, cardiovascular system

detection of pulmonary venous flow by pulsed Doppler echocardiography in children (ab), Pickoff AS; Bennett V; Soler P; et al, 150: 858, 1984

# Children, central nervous system

clinical NMR imaging of the brain in children: normal and neurologic disease, Johnson MA; Penneck JM; Bydder GM; et al, (AJR), 141: 1005, 1983

# computed tomographic-arteriographic

correlates in acute basal ganglionic infarction of childhood (ab), Zimmerman RA; Bilaniuk LT; Packer RJ; et al, 150: 859, 1984

CT of thrombosed arteriovenous malformations in children, Mitnick JS; Pinto RS; Lin JP; Rose H; Lieberman A, 150: 385, 1984

dystonia caused by putamino-capsulo-caudate vascular lesions (ab), Demierre B; Rondot P, 150: 860, 1984

intracranial calcification in survivors of childhood medulloblastoma (ab), Pearson ADJ; Campbell AN; McAllister VL; et al, 150: 613, 1984

# Children, digestive system

chronic relapsing pancreatitis in childhood (ab), Ghishan FK; Greene HL; Avant G; et al, 150: 290, 1984

cystic duplication of the colon combined with nonrotation anomaly imitating pyloric stenosis (ab), Kufass T; Lindman CR, 150: 860, 1984

esophageal strictures in children: treatment by balloon dilatation, Ball WS; Strife JL; Rosenkrantz J; Towbin RB; Noseworthy J, 150: 263, 1984

fluoroscopic removal of ingested alkaline batteries, Jaffe RB; Corneli HM, 150: 585, 1984

gastrointestinal manifestations of neurofibromatosis in children: a report of two cases (ab), Hassell P, 150: 859, 1984

Hirschsprung disease: accuracy of the barium enema examination, Rosenfield NS; Ablow RC; Markowitz RI; DiPietro M; Seashore JH; Touloukian RJ; Cicchetti DV, 150: 393, 1984

intestinal perforation in abdominal typhus in childhood (ab), Vogel H; Rodriguez HCG; Gomez MZ; et al, 150: 290, 1984

long-term follow-up of surgery for gastroesophageal reflux in infants and children (ab), Harnsberger JK; Corey JJ; Johnson DG; et al, 150: 289, 1984

prone films of abdomen—a diagnostic tool in intestinal obstruction in children (ab), Cherian MJ; Kumar EN; Cherian K; et al, 150: 613, 1984

recurrent tracheoesophageal fistulas: seventeen-year review (ab), Ein SH; Stringer DA; Stephens CA; et al, 150: 859, 1984

spontaneous regression of infantile hemangioendotheliomatosis of the liver: demonstration by ultrasound (ab), Pardes JG; Bryan PJ; Gauderer MWL, 150: 860, 1984

# Children, eye

Ewing's tumor following bilateral retinoblastoma: a case report (ab), Schifter S; Vendelbo L; Jensen OM; et al, 150: 858, 1984

# Children, genitourinary system

kidney length correlated with age: normal values in children, Currarino G; Williams B; Dana K, 150: 703, 1984

lacuna magna: a hidden cause of dysuria and bloody spotting in boys (ab), Bellinger MF; Purohit GS; Duckett JW; et al, 150: 290, 1984

multicystic ovaries in primary hypothyroidism (ab), Lindsay AN; Voorhess ML; MacGillivray MH, 150: 613, 1984

pediatric urography: comparison of metrizamide and methylglucamine diatrizoate, Robey G; Reilly BJ; Carusi PA; Nguyen KB, 150: 61, 1984

variability of urographic findings in posterior urethral valves (ab), Eklof O; Olsson H, 150: 860, 1984

# Children, respiratory system

bronchial obstruction: a radiographic sign, Berdon WE; Dee G; Abramson SJ; Altman RP; Wung J-T, 150: 691, 1984

magnetic resonance imaging of the thorax in childhood, Brusch RC; Gooding CA; Lallemand DP; Wesbey GE, 150: 463, 1984

respiratory complications of achondroplasia (ab), Stokes DC; Phillips JA; Leonard CO; et al, 150: 289, 1984

# Children, skeletal system

antenatal diagnosis of Caffey disease (ab), Labrune M; Guedj G; Vial M; et al, 150: 860, 1984

humeraloradial synostosis (ab), Jacobsen ST; Crawford AH, 150: 860, 1984

osteomyelitis in children: detection by magnetic resonance, Fletcher BD; Scoles PV; Nelson AD, 150: 57, 1984

persistent medial deviation of the neck of the talus: a common cause of in-toeing in children (ab), Bleck EE; Minaire P, 150: 614, 1984

progressive pseudorheumatoid arthritis of childhood (PPAC), a hereditary disorder simulating rheumatoid arthritis (ab), Spranger J; Albert C; Schilling F; et al, 150: 860, 1984

significance of the solitary lesion in pediatric bone scanning: concise communication (ab), Brown ML, 150: 613, 1984

# Cholangiography

See Bile duct radiography

# Cholecystitis

diagnostic evaluation of patients with suspected acute cholecystitis, Laing FC, (RCNA), 21: 477, 1983

# Cholelithiasis

See Gallbladder, radionuclide studies

# Chordae tendineae

prevalence of ruptured chordae tendineae in the mitral valve prolapse syndrome (ab), Grenadier E; Alpan G; Keidar S; et al, 150: 615, 1984

# Cimetidine

radiographic response to cimetidine in patients with basal gastric acid hypersecretion, Smith HJ, (AJR), 142: 115, 1984

# Cirrhosis

See Liver, cirrhosis

# Colitis

left ventricular outflow obstruction and necrotizing enterocolitis, Allen HA; Haney PJ, 150: 401, 1984

# Colon, aganglionosis

Hirschsprung disease: accuracy of the barium enema examination, Rosenfield NS; Ablow RC; Markowitz RI; DiPietro M; Seashore JH; Touloukian RJ; Cicchetti DV, 150: 393, 1984

# Colon, dilatation

diabetic megacolon—a rare late complication (ab), Heer M; Pirovino M; Buhler H; et al, 150: 611, 1984

# Colon, hemorrhage

haematoma in the transverse mesocolon secondary to acute pancreatitis (ab), Epstein BM; Tanne D, 150: 296, 1984

# Colon, neoplasms

colon polyp morphology on double-contrast barium enema: its pathologic predictive value, Ott DJ; Gelfand DW; Wu WC; et al, (AJR), 141: 965, 1983

diffuse lymphoid follicles of the colon associated with colonic carcinoma, Bronen RA; Glick SN; Tepleck SK, (AJR), 142: 105, 1984

fluoroscopic barium enema in colonic polyp detection, Teeffey SA; Carlson HC, (AJR), 141: 1279, 1983

# Colon, therapeutic radiology

combined irradiation and three-drug chemotherapy in inoperable colorectal carcinoma (ab), Von Der Maase H; Magnusson K; Sveninsson T, 150: 871, 1984

# Computed-tomographic guidance

abscess drainage with CT and ultrasound guidance, Clark RA; Towbin R, (RCNA), 21: 445, 1983

role of computed tomography-guided needle biopsy in an oncology service (ab), Husband JE; Golding SJ, 150: 296, 1984

# Computed tomography

clinical value of body computed tomography over time and technologic change, Fineberg HV; Wittenberg J; Ferrucci JT Jr; et al, (AJR), 141: 1067, 1983

use of CT in monitoring cryosurgery (ab), Reiser M; Drukker A-K; Ullsch B; et al, 150: 866, 1984

# Computed tomography, comparative studies

detection of hepatic metastases: comparison of EOE-13 computed tomography and scintigraphy, Miller DL; Rosenbaum RC; Sugarbaker PH; et al, (AJR), 141: 931, 1983

head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS; Kaufman B; Alifidi RJ; Yeung HN; Benson JE; Haaga JR; El Yousef SJ; Clappitt ME; Bonstelle CT; Huss R, 150: 71, 1984

primary intracranial tumor imaging: a comparison of magnetic resonance and CT, Brant-Zawadzki M; Badami JP; Mills CM; Norman D; Newton TH, 150: 435, 1984

# Computed tomography, comparative study

renal artery stenosis and evaluation of the effect of endoluminal dilatation: comparison of dynamic CT scanning and I-131-OIHA renogram (ab), Probst P; Mahler F; Roesler H; et al, 150: 855, 1984

## Computed tomography, image processing

### Computed tomography, image processing

complex musculoskeletal anatomy: analysis using three dimensional surface reconstruction, Totty WG; Vannier MW, 150: 173, 1984

computed tomography of the spine: curved coronal reformations from serial images, Rothman SLG; Dobben GD; Rhodes ML; Glenn WV Jr; Azzawi Y-M, 150: 185, 1984

three dimensional CT reconstruction images for craniofacial surgical planning and evaluation, Vannier MW; Marsh JL; Warren JO, 150: 179, 1984

**Computed tomography, in infants and children**  
ultrasonography and computed tomography in the evaluation of the acutely ill pediatric patient, Babcock DS; Kaufman RA, (RCNA), 21: 527, 1983

### Computed tomography, technology

computed tomography of the spine: curved coronal reformations from serial images, Rothman SLG; Dobben GD; Rhodes ML; Glenn WV Jr; Azzawi Y-M, 150: 185, 1984

improved head support for prone myelographic and CT examinations, Osborne D, (AJR), 141: 1025, 1983

simple traction-immobilization device for CT scanners, Robertson J; Federle MP, (AJR), 141: 1331, 1983

temporomandibular joint: true sagittal computed tomography with meniscus visualization, Sartoris DJ; Neumann CH; Riley RW, 150: 250, 1984

### Computers

computer-assisted radiologic reporting system, Choplin RH; Boehme JM; Cowan RJ; Gelfand DW; Maynard CD; Park WC Jr; Volberg FM; Williams RC, 150: 345, 1984

### Condylomas acuminata

anorectal giant condyloma acuminatum (Buschke-Loewenstein tumor): CT and radiographic manifestations, Balthazar EJ; Streiter M; Megibow AJ, 150: 651, 1984

### Connective tissues, diseases

aggressive fibromatosis: evaluation by computed tomography and angiography, Hudson TM; Vandergrind RA; Springfield DS; Hawkins IF Jr; Spanier SS; Enneking WF; Hamlin DJ, 150: 495, 1984

### Contrast media

cerebral angiography with iohexol. a multicentre clinical trial (ab), Amundsen P; Dugstad G; Presthus J; et al, 150: 862, 1984

cystographic contrast media: clinical and experimental studies, McAlister WH; Griffith RC, (AJR), 141: 997, 1983

iodomide: clinical experience with a new non-ionic contrast medium (ab), Wolf K-J; Steidle B; Skutta T; et al, 150: 612, 1984

paramagnetic agents for contrast-enhanced NMR imaging: a review, Runge VM; Clanton JA; Lukehart CM; et al, (AJR), 141: 1209, 1983

### Contrast media, comparative studies

comparison of blood-brain barrier disruption following intracarotid metrizamide and methylglucamine iohalamate (conray 280) (ab), Sage MR; Wilcox J; Evill CA; et al, 150: 862, 1984

comparison of iopamidol with metrizamide in sub-occipital ventriculography/cisternography (ab), Macpherson P; Teasdale E, 150: 292, 1984

comparison of iopamidol with three other contrast media in orbital venography/cavernous sinography (ab), Macpherson P, 150: 293, 1984

iohexal in urography (ab), Lalli AF; Williams B; Maynard E, 150: 856, 1984

iopamidol compared with Conray in peripheral angiography (ab), Wojciechowski J; Johansson R; Bjork L, 150: 612, 1984

metrizamide and iohalamate meglumine in peripheral angiography in arterial insufficiency in the legs (ab), Zackrisson BF; Johansson R; Bjork L; et al, 150: 612, 1984

pediatric urography: comparison of metrizamide and methylglucamine diatrizoate, Robey G; Reilly BJ; Carusi PA; Nguyen KB, 150: 61, 1984

renal angiography with iohexol and metrizoate, Tornquist C; Holtas S, 150: 331, 1984

### Contrast media, complications

brain parenchyma penetration by intrathecal nonionic iopamidol, Sage MR; Wilcox J, (AJNR), 4: 1181, 1983

leakage of iodinated contrast material into the cerebral ventricles in an adult with epiduralitis, Sullivan WT; Dorwart RH, (AJNR), 4: 1251, 1983

### Contrast media, toxicity

neurotoxicity of nonionic iodinated water-soluble contrast media in myelography: experimental study, Caille J-M; Gioux M; Arne P; et al, (AJNR), 4: 1185, 1983

renal angiography with iohexol and metrizoate, Tornquist C; Holtas S, 150: 331, 1984

### Copper

nuclear magnetic resonance of iron and copper disease states, Runge VM; Clanton JA; Smith FW; et al, (AJR), 141: 943, 1983

### Coronary vessels, diseases

analysis of cardiac diastolic function: application in coronary artery disease (ab), Miller TR; Goldman KJ; Sampathkumaran KS; et al, 150: 302, 1984

### Coronary vessels, spasm

coronary artery spasm causing myocardial infarction (ab), Moses HW; Taylor CJ; Asali Z; et al, 150: 287, 1984

### Coronary vessels, stenosis

isolated total occlusion of the left main coronary artery, Kim D; Guthaner DF; Wexler L; et al, (AJR), 141: 1304, 1983

### Coronary vessels, therapeutic blockade

rupture of a coronary bypass graft aneurysm: CT evaluation and coil occlusion therapy, Shapero LG; Guthaner DF; Swerdlow CD; et al, (AJR), 141: 1060, 1983

### Cowper's gland

Cowper's gland calcification: a new radiographic finding (ab), White JM; Amis ES Jr; Cronan JJ, 150: 856, 1984

### Cryptococcosis

pulmonary cryptococcosis: radiologic-pathologic correlates of its three forms, Feigin DS, (AJR), 141: 1263, 1983

### Cushing's syndrome

petrosal sinus sampling for Cushing's syndrome: anatomical and technical considerations, Doppman JL; Oldfield E; Krudy AG; Chrousos GP; Schulte HM; Schaaf M; Loriaux DL, 150: 99, 1984

## D

### Dandy-Walker syndrome

See Brain, abnormalities

### Deafness

Klippel-Feil syndrome with conductive deafness and histological findings of removed stapes (ab), Sakai M; Miyake H; Shinkawa A; et al, 150: 294, 1984

### Decision theory

selection criteria for upper gastrointestinal examinations: attempts at improvement, McNeil BJ; Wijesinha A; Bynum TE; Greenes RA; Berenberg A; Van Houten FX; Ratnoffsky S; Millan D; Abrams HL, 150: 311, 1984

### Dementia

imaging local brain function with emission computed tomography, Kuhl DE, 150: 625, 1984

### Dermoid

dermoid cyst of the floor of the mouth: CT appearance, Hunter TB; Paplanus SH; Chernin MM; et al, (AJR), 141: 1239, 1983

### Diabetes

bones and joints in diabetes mellitus. vol. 4 in series in radiology (bk rev), Forgacs S, Reviewed by Gondos B, 150: 326, 1984

diabetic megacolon—a rare late complication (ab), Heer M; Pirovino M; Buhler H; et al, 150: 611, 1984

holoprosencephaly in infants of diabetic mothers (ab), Barr M Jr; Hanson JW; Currey K; et al, 150: 289, 1984

### Diabetes mellitus

femoral hypoplasia. unusual facies syndrome in infants with diabetic mothers (ab), Johnson JP; Carey JC; Gooch WM III; et al, 150: 860, 1984

### Diagnostic radiology

selection criteria for upper gastrointestinal examinations: attempts at improvement, McNeil BJ; Wijesinha A; Bynum TE; Greenes RA; Berenberg A; Van Houten FX; Ratnoffsky S; Millan D; Abrams HL, 150: 311, 1984

### Dialysis

clearing of clotted dialysis shunts by streptokinase injection at multiple sites, Zeit RM, (AJR), 141: 1053, 1983

CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, Levine E; Grantham JJ; Slusher SL; et al, (AJR), 142: 125, 1984

sonography of evolving renal cystic transformation associated with hemodialysis, Andersen BL; Curry NS; Gobien RP, (AJR), 141: 1003, 1983

### Dialysis, shunts

duplex ultrasound imaging: vascular applications, Wetzner SM; Kiser LC; Bezreh JS, 150: 507, 1984

### Diaphanography

diaphanography as a means of detecting breast cancer, Marshall V; Williams DC; Smith KD, 150: 339, 1984

### Diaphragm, injuries

abnormal course of nasogastric tube in traumatic rupture of left hemidiaphragm, Perlman SJ; Rogers LF; Mintzer RA; et al, (AJR), 142: 85, 1984

nonoperative diagnosis of intrathoracic splenosis, Scales FE; Lee ME, (AJR), 141: 1273, 1983

### Diaphragm, rupture

abnormal course of nasogastric tube in traumatic rupture of left hemidiaphragm, Perlman SJ; Rogers LF; Mintzer RA; et al, (AJR), 142: 85, 1984

### Digital radiography

See Radiography, digital

### Digital subtraction angiography

digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy (ab), Archer CW; Turnipseed WD; Sackett JF; et al, 150: 292, 1984

digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore D; Modic MT; Meaney TF, 150: 323, 1984

digital subtraction angiography with an isocan camera system: clinical applications, Barbic ZL; Gomes AS; Deckard ME; et al, (AJR), 142: 143, 1984

digital subtraction arteriography for spinal arteriovenous malformation, Levy JM; Hessel SJ; Christensen FK; et al, (AJNR), 4: 1217, 1983

percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, Schwartz DE, 150: 363, 1984

percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwartz DE, 150: 369, 1984

real-time digital subtraction angiography for therapeutic neuroradiologic procedures, Sherry RG; Anderson RE; Kruger RA; et al, (AJNR), 4: 1171, 1983

### Digital subtraction angiography, comparative studies

digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism (L), Grossman ZD; Ellis DA; Brigham SC; Farrar FM; Sternick AN; Bramhava D, 150: 843, 1984

digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism: reply (L), Ludwig JW, 150: 844, 1984

### Digital subtraction angiography, technique

Optimal injection technique for intravenous digital subtraction angiography: animal and clinical studies of right atrial injection using small volumes (25 ml) at a high rate (35 ml/sec), work in progress, Saddekni S; Sos TA; Sniderman KW; Surr M; Bodner LJ; Kneeland JB; Cahill PT, 150: 655, 1984

### Digital subtraction angiography, technology

digital subtraction angiography with an isocan camera system: clinical applications, Barbic ZL; Gomes AS; Deckard ME; et al, (AJR), 142: 143, 1984

### Dosimetry

dosage evaluation in mammography, Stanton L; Villafana T; Day JL; Lightfoot DA, 150: 577, 1984

### Drugs, abuse

multiple mycotic pulmonary artery aneurysms secondary to intravenous drug abuse, SanDretto MA; Scanlon GT, (AJR), 142: 89, 1984

## Drugs, effects

- progressive optic neuropathy and sensorineural hearing loss to chronic glue sniffing (ab). Ehyai A; Freeman FR. 150: 291, 1984
- tetrahydrocannabinol vs. prochlorperazine: the effects of two antiemetics on patients undergoing radiotherapy. Ungerleider JT; Andrysiak TA; Fairbanks LA; Tesler AS; Parker RG. 150: 598, 1984

## Drugs, toxicity

- pneumonitis after amiodarone therapy. Olson LK; Forrest JV; Friedman PJ; Kiser PE; Henschke CI. 150: 327, 1984
- speculation on the mechanism for amiodarone-induced pneumonitis (L). Camus P; Jeannin L. 150: 279, 1984
- speculation on the mechanism for amiodarone-induced pneumonitis: reply (L). Geffer WB; Pietra GG; Epstein DM; Miller WT. 150: 280, 1984
- speculation on the mechanism for amiodarone-induced pneumonitis: further comment (L). Camus P; Jeannin L. 150: 280, 1984

## Duodenum

- medial indentation of the duodenal sweep by a dilated inferior vena cava. Liu C-I; Cho S-R; Shaw C-I; et al. (AJR). 141: 1287, 1983
- radiographic response to cimetidine in patients with basal gastric acid hypersecretion. Smith HJ. (AJR). 142: 115, 1984

## Duodenum, abnormalities

- "bubbly" duodenal bulb in celiac disease: radiologic-pathologic correlation. Jones B; Bayless TM; Hamilton SR; et al. (AJR). 142: 119, 1984

## Duodenum, diseases

- "bubbly" duodenal bulb in celiac disease: radiologic-pathologic correlation. Jones B; Bayless TM; Hamilton SR; et al. (AJR). 142: 119, 1984
- radiographic response to cimetidine in patients with basal gastric acid hypersecretion. Smith HJ. (AJR). 142: 115, 1984

## Duodenum, diverticula

- diagnosis and management of intraluminal duodenal diverticulum (ab). Karoll MP; Ghahremani GG; Port RB; et al. 150: 611, 1984

## Duodenum, mucosa

- mucosal surface patterns of the duodenal bulb: subject review. Glick SN; Gohel VK; Laufer I. 150: 317, 1984

## Duodenum, perforation

- retroperitoneal perforation during duodenoscopic sphincterotomy. Byrne P; Leung JWC; Cotton PB. 150: 383, 1984

## Duodenum, radiography

- simplified method for imaging the anterior gastroduodenal wall by double-contrast study. Magliante DDT; Miller RE. (AJR). 141: 971, 1983

# E

## Ear, abnormalities

- congenital sensorineural hearing loss. Mafee MF; Selis JE; Yannias DA; Valvassori GE; Pruzansky S; Applebaum EL; Capek V. 150: 427, 1984

## Ear, computed tomography

- gas-CT cisternography for detection of small acoustic nerve tumors. Solti-Bohman LG; Magaram DL; Lo WWM; Wade CT; Witten RM; Shimizu FH; McMonigle EM; Rao AKR. 150: 403, 1984
- high-resolution CT of the jugular foramen: anatomy and vascular variants and anomalies. Lo WWM; Solti-Bohman LG. 150: 743, 1984

## Ear, diseases

- malignant external otitis: early scintigraphic detection. Strashun AM; Nejatheid M; Goldsmith SJ. 150: 541, 1984

## Ear, neoplasms

- gas-CT cisternography for detection of small acoustic nerve tumors. Solti-Bohman LG; Magaram DL; Lo WWM; Wade CT; Witten RM; Shimizu FH; McMonigle EM; Rao AKR. 150: 403, 1984

## Ear, radionuclide studies

- malignant external otitis: early scintigraphic detection. Strashun AM; Nejatheid M; Goldsmith SJ. 150: 541, 1984

## Ear, tomography

- congenital sensorineural hearing loss. Mafee MF; Selis JE; Yannias DA; Valvassori GE; Pruzansky S; Applebaum EL; Capek V. 150: 427, 1984
- self-masking subtraction tomography. Chakraborty DP; Yester MV; Barnes GT; Lakshminarayanan AV. 150: 225, 1984

## Echocardiography

- See Heart, ultrasound studies

## Economics, medical

- cost analyses of positron emission tomography for clinical use. Evens RG; Siegel BA; Welch MJ; et al. (AJR). 141: 1073, 1983

## Editorials

- Douglas W. MacEwan, M.D. President, Radiological Society of North America, 1984. Zylak CJ. 150: 269, 1984
- RSNA '83: gold medalists and honorary members. Lester RG. 150: 839, 1984
- sixty-ninth scientific assembly and annual meeting. Eyler WR. 150: 603, 1984

## Elbow

- humero-radial synostosis (ab). Jacobsen ST; Crawford AH. 150: 860, 1984

## Elbow, radiography

- half-moon sign (ab). Schild H; Muller HA; Klose K. 150: 612, 1984

## Embolism

- percutaneous embolectomy by transcatheter aspiration. Sniderman KW; Bodner L; Saddekni S; Srur M; Sos TA. 150: 357, 1984

## Embolism, hepatic

- therapeutic embolization of infantile hepatic hemangioma with polyvinyl alcohol. Stanley P; Grinnell VS; Stanton RE; et al. (AJR). 141: 1047, 1983

## Embolism, pulmonary

- catheter-directed low dose streptokinase infusion: a preliminary experience. Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW. 150: 349, 1984
- digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism (L). Grossman ZD; Ellis DA; Brigham SC; Farrar FM; Sternick AN; Bramhava D. 150: 843, 1984
- digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism: reply (L). Ludwig JW. 150: 844, 1984
- percutaneous transcatheter filter for the inferior vena cava: a new device for treatment of patients with pulmonary embolism. Roehm Jr JOF; Gianturco C; Barth MH; Wright KC. 150: 255, 1984

## Embolism, splenic

- splenic embolization monitored by the video dilution technique. Porter BA; Frey CF; Link DP; et al. (AJR). 141: 1063, 1983

## Emission computed tomography

- cost analyses of positron emission tomography for clinical use. Evens RG; Siegel BA; Welch MJ; et al. (AJR). 141: 1073, 1983
- imaging local brain function with emission computed tomography. Kuhl DE. 150: 625, 1984
- malignant external otitis: early scintigraphic detection. Strashun AM; Nejatheid M; Goldsmith SJ. 150: 541, 1984
- positron emission tomography to study brain metabolism in man (ab). Garnett ES; Nahmias C; Kenyon DB; et al. 150: 872, 1984
- single-photon emission computed tomography: a method of measuring cerebral blood flow in three dimensions (preliminary results of studies in patients with epilepsy and stroke) (ab). Uren RF; Magistretti PL; Royal HD; et al. 150: 290, 1984
- single-photon emission computed tomography of the normal liver. Carrasquillo JA; Rogers JV; Williams DL; et al. (AJR). 141: 937, 1983
- volume and planar gated cardiac magnetic resonance imaging: a correlative study of normal anatomy with thallium-201 SPECT and cadaver sections. Go RT; MacIntyre WJ; Yeung HN; Kramer DM; Geisinger M; Chilcote W; George C; O'Donnell JK; Moodie DS; Meaney TF. 150: 129, 1984

## Emphysema, pulmonary

- erosion and enlargement of the sella turcica: uncommon signs of pulmonary emphysema. Turner RM; Austin JHM; Ellis K; et al. (AJR). 141: 1235, 1983

## Emphysema

- computed tomographic characteristics of pleural emphysema (ab). Shin MS; Ho K-J. 150: 295, 1984
- computed tomography of lung abscess and emphysema. Williford ME; Godwin JD. (RCNA). 21: 575, 1983
- subdural emphysema: CT findings. Zimmerman RD; Leeds NE; Danziger A. 150: 417, 1984

## Encephalomalacia

- sonographic recognition of multiple cystic encephalomalacia. Stannard MW; Jimenez JF. (AJR). 141: 1321, 1983

## Endoscopic retrograde

### cholangiopancreatography (ERCP)

- endoscopic retrograde cholangiogram and pancreatogram in chronic liver disease (ab). Hamilton I; Lintott DG; Rudell WSJ; et al. 150: 854, 1984
- pancreas imaging by computed tomography after endoscopic retrograde pancreatography. Frick MP; O'Leary JF; Salomonowitz E; Stoltzberg P; Hutton S; Gedgaudas E. 150: 191, 1984
- radiologic interpretation of ERCP: a clinical atlas (bk rev). Bellon EM. Reviewed by Schabel SI. 150: 638, 1984

## Endoscopy

- sonography and endoscopy as mutually complementary diagnostic methods (ab). Farrenkopf E. 150: 298, 1984

## Enteritis

- monilial enteritis in acquired immunodeficiency syndrome. Radin DR; Fong T-L; Halls JM; et al. (AJR). 141: 1289, 1983

## Enterocolitis

- radiology of the small bowel: modern enterocolitis technique and atlas (bk rev). Sellink JL. Reviewed by Miller RE. 150: 344, 1984

## Enterocolitis

### See Colitis

## Enzymes

- clearing of clotted dialysis shunts by streptokinase injection at multiple sites. Zeit RM. (AJR). 141: 1053, 1983

## Epididymitis

- diagnosis of acute testicular torsion using radionuclide scanning (ab). Levy OM; Gittelman MC; Strashun AM; et al. 150: 870, 1984

## Epilepsy

- imaging local brain function with emission computed tomography. Kuhl DE. 150: 625, 1984
- single-photon emission computed tomography: a method of measuring cerebral blood flow in three dimensions (preliminary results of studies in patients with epilepsy and stroke) (ab). Uren RF; Magistretti PL; Royal HD; et al. 150: 290, 1984

## Esophagus, abnormalities

- adenocarcinoma of the esophagus: relationship to Barrett mucosa. Levine MS; Caroline D; Thompson JJ; Kressel HY; Laufer I; Herlinger H. 150: 305, 1984
- Barrett esophagus (opin). Margulis AR; Shapiro HA. 150: 602, 1984

## Esophagus, computed tomography

- computed tomography for staging esophageal and gastroesophageal cancer: reevaluation. Thompson WM; Halvorsen RA; Foster WL Jr; et al. (AJR). 141: 951, 1983

## Esophagus, diseases

- esophageal involvement in epidermolysis bullosa dystrophica. Tishler JM; Han SY; Helman CA. (AJR). 141: 1283, 1983
- prevalence, course and management of some benign oesophageal diseases in the Black population. the Groote Schuur Hospital experience (ab). Silber W. 150: 854, 1984

## Esophagus, neoplasms

- adenocarcinoma of the esophagus: relationship to Barrett mucosa. Levine MS; Caroline D; Thompson JJ; Kressel HY; Laufer I; Herlinger H. 150: 305, 1984
- Barrett esophagus (opin). Margulis AR; Shapiro HA. 150: 602, 1984
- carcinoma of the esophagus assessment of submucosal extent (ab). Cho S-R; Schneider V; Beachley MC; et al. 150: 854, 1984
- Celestin tube use: radiographic manifestations of associated complications. Haynes JW; Miller PR; Steiger Z; Leichman LP; Kling GA. 150: 41, 1984
- computed tomography for staging esophageal and gastroesophageal cancer: reevaluation. Thompson WM; Halvorsen RA; Foster WL Jr; et al. (AJR). 141: 951, 1983



## Esophagus, neoplasms

linitis plastica carcinoma of the esophagus (ab), Cheifec G; Jablowski VR; Gould VE, 150: 854, 1984

### Esophagus, radiography

reassessment of the routine double-contrast examination of the esophagus (L), Hall FM, 150: 278, 1984

reassessment of the routine double-contrast examination of the esophagus: reply (L), Maglente DDT, 150: 278, 1984

### Esophagus, reflux

adenocarcinoma of the esophagus: relationship to Barrett mucosa, Levine MS; Caroline D; Thompson JJ; Kressel HY; Laufer I; Herlinger H, 150: 305, 1984

Barrett esophagus (opin), Margulis AR; Shapiro HA, 150: 602, 1984

long-term follow-up of surgery for gastroesophageal reflux in infants and children (ab), Harnsberger JK; Corey JJ; Johnson DG, et al, 150: 289, 1984

### Esophagus, stenosis

esophageal strictures in children: treatment by balloon dilatation, Ball WS; Strife JL; Rosenkrantz J; Towbin RB; Noseworthy J, 150: 263, 1984

linitis plastica carcinoma of the esophagus (ab), Cheifec G; Jablowski VR; Gould VE, 150: 854, 1984

### Esophagus, surgery

long-term follow-up of surgery for gastroesophageal reflux in infants and children (ab), Harnsberger JK; Corey JJ; Johnson DG, et al, 150: 289, 1984

### Esophagus, varices

contrast echocardiography in detection of portopulmonary venous anastomosis, Sano A; Nishizawa S; Sasai K, et al, (AJR), 142: 137, 1984

### Ethanol

adrenal ablation by retrograde venous ethanol injection: an ineffective and dangerous procedure, Doppman JL; Gorton M, 150: 667, 1984

### Ewing's sarcoma

Ewing's tumor following bilateral retinoblastoma. a case report (ab), Schifter S; Vendelbo L; Jensen OM, et al, 150: 858, 1984

### Extremities, neoplasms

closed-system venography in the evaluation of retinoblastic lesions of the extremities, Braun SD; Moore AV Jr; Mills SR, et al, (AJR), 141: 1307, 1983

### Extremities, radionuclide studies

detection of deep venous thrombosis with Tc-99m sulfur colloid (L), Maurer AH; Knight LC, 150: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), Bardfield PA; Harrison DA; Irwin GA; Buetow G, 150: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), Maurer AH; Knight LC, 150: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), Bardfield PA; Harrison DA; Wasserstein G; Buetow G; Irwin GAL, 150: 843, 1984

### Extremities, thrombosis

detection of deep venous thrombosis with Tc-99m sulfur colloid (L), Maurer AH; Knight LC, 150: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), Bardfield PA; Harrison DA; Irwin GA; Buetow G, 150: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), Maurer AH; Knight LC, 150: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), Bardfield PA; Harrison DA; Wasserstein G; Buetow G; Irwin GAL, 150: 843, 1984

### Eye

choroidal folds and refractive errors associated with orbital tumors (ab), Friberg TR; Grove AS Jr, 150: 863, 1984

## F

### Face, abnormalities

applications of pattern profile analysis to malformations of the head and face, Garn SM; Smith BH; LaVelle M, 150: 683, 1984

### Familial conditions

hereditary hemorrhage telangiectasia: sonographic findings in the liver, Clogman HM; DiCapo RD, 150: 521, 1984

### Femur, radionuclide studies

failure of uptake of radiocolloid by the femoral heads: a diagnostic problem: concise communication (ab), Spencer RP; Lee YS; Sziklas JJ, et al, 150: 617, 1984

### Fetus

See also Pregnancy

### Fetus, abnormalities

fetal ovarian cysts: sonographic detection and association with hypothyroidism, Jafri SZH; Bree RL; Silver TM; Ouimette M, 150: 809, 1984

### Fetus, cardiovascular system

high-resolution real-time sonography of fetal cardiovascular anatomy (ab), Jeffrey RB; Laing FC, 150: 300, 1984

in utero diagnosis and management of fetal supraventricular tachycardia (ab), Albers WH; Thompson RE, 150: 300, 1984

ultrasonic diagnosis of ectopia cordis (ab), Mercer LJ; Petres RE; Smeltzer JS, 150: 869, 1984

### Fetus, cardiovascular systems

prenatal diagnosis of a human pseudoaortic anomaly (ab), Gewolb IH; Freedman RM; Kleinman CS, et al, 150: 868, 1984

### Fetus, central nervous system

sonography as a procedure complementary to  $\alpha$ -fetoprotein testing for neural tube defects (ab), Slotnick N; Filly RA; Callen PW, et al, 150: 869, 1984

### Fetus, genitourinary system

twelve cases of hydronephrosis in utero diagnosed by ultrasonography (ab), Sanders R; Graham D, 150: 869, 1984

### Fetus, growth and development

date-independent predictor of intrauterine growth retardation: femur length/abdominal circumference ratio, Hadlock FP; Deter RL; Harrist RB, et al, (AJR), 141: 979, 1983

estimation of volume and weight of the perinate: relationship to morphometric measurement by ultrasonography (ab), Thompson TR; Manning FA, 150: 868, 1984

evaluation of two methods for measuring fetal head and body circumferences (ab), Hadlock FP; Kent WR; Loyd JL, et al, 150: 868, 1984

head circumference as an index of fetal age (ab), Law RG; MacRae KD, 150: 300, 1984

prospective evaluation of fetal femur length as a predictor of gestational age (ab), Hadlock FP; Harrist RB; Deter RL, et al, 150: 869, 1984

relationship of fetal transverse body diameter and biparietal diameter in the diagnosis of intrauterine growth retardation (ab), Gross BH; Callen PW; Filly RA, 150: 869, 1984

sonographic estimation of fetal weight: the value of femur length in addition to head and abdomen measurements, Hadlock FP; Harrist RB; Carpenter RJ; Deter RL; Park SK, 150: 535, 1984

### Fetus, skeletal systems

ultrasonic diagnosis of second-trimester skeletal dysplasias: a prospective analysis in a high-risk population (ab), Kurtz AB; Wapner RJ, 150: 869, 1984

### Fetus, ultrasound studies

estimation of volume and weight of the perinate: relationship to morphometric measurement by ultrasonography (ab), Thompson TR; Manning FA, 150: 868, 1984

evaluation of two methods for measuring fetal head and body circumferences (ab), Hadlock FP; Kent WR; Loyd JL, et al, 150: 868, 1984

fetal sex determination by ultrasound scan in the second and third trimesters (ab), Plattner G; Renner W; Went J, et al, 150: 615, 1984

high-resolution real-time sonography of fetal cardiovascular anatomy (ab), Jeffrey RB; Laing FC, 150: 300, 1984

prenatal diagnosis of a human pseudoaortic anomaly (ab), Gewolb IH; Freedman RM; Kleinman CS, et al, 150: 868, 1984

prospective evaluation of fetal femur length as a predictor of gestational age (ab), Hadlock FP; Harrist RB; Deter RL, et al, 150: 869, 1984

real-time ultrasonographic evaluation of normal fetal adrenal glands (ab), Lewis E; Kurtz AB; Dubbins PA, et al, 150: 300, 1984

relationship of fetal transverse body diameter and biparietal diameter in the diagnosis of intrauterine growth retardation (ab), Gross BH; Callen PW; Filly RA, 150: 869, 1984

sonographic estimation of fetal weight: the value of femur length in addition to head and abdomen measurements, Hadlock FP; Harrist RB; Carpenter RJ; Deter RL; Park SK, 150: 535, 1984

sonography as a procedure complementary to  $\alpha$ -fetoprotein testing for neural tube defects (ab), Slotnick N; Filly RA; Callen PW, et al, 150: 869, 1984

twelve cases of hydronephrosis in utero diagnosed by ultrasonography (ab), Sanders R; Graham D, 150: 869, 1984

ultrasonic diagnosis of ectopia cordis (ab), Mercer LJ; Petres RE; Smeltzer JS, 150: 869, 1984

ultrasonic diagnosis of second-trimester skeletal dysplasias: a prospective analysis in a high-risk population (ab), Kurtz AB; Wapner RJ, 150: 869, 1984

ultrasonography of the fetal subarachnoid space (ab), Laing FC; Stamler CE; Jeffrey RB, 150: 300, 1984

### Fibrinolysis

catheter-directed low dose streptokinase infusion: a preliminary experience, Risis B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, 150: 349, 1984

low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, 150: 375, 1984

visceral embolization during low-dose fibrinolysis of aortic graft occlusion, Wood WA; Tisnado J; Cho S-R, (AJR), 141: 1055, 1983

### Fibroma

giant ossifying fibroma of the skull (ab), Villemure J-G; Meagher-Villemure K, 150: 293, 1984

### Films and screens

backscatter from metal surfaces in diagnostic radiology, Kodera Y; Schmidt RA; Chan H-P; Doi K, 150: 231, 1984

### Fistula, aortoesophageal

successful treatment of primary aorta-esophageal fistula resulting from aortic aneurysm (ab), Snyder DM; Crawford ES, 150: 854, 1984

### Fistula, arteriovenous

Osler-Weber-Rendu disease with multiple intrahepatic arteriovenous fistulas (ab), Danchin N; Thisse JY; Neimann JL, et al, 150: 867, 1984

### Fistula, carotid-cavernous

treatment of carotidocavernous fistulae with detachable balloons introduced by percutaneous catheterization (ab), Tress BM; Thompson KR; ApSimon HT, et al, 150: 288, 1984

### Fistula, esophageal

congenital broncho-oesophageal fistula (ab), Nicolaou N; Conlan AA, 150: 287, 1984

### Fistula, pyiformis

diagnosis and management of pyiform sinus fistulae in infants and young children (ab), Miller D; Hill JL; Sun C-C, et al, 150: 859, 1984

### Fistula, tracheoesophageal

recurrent tracheoesophageal fistulas. seventeen-year review (ab), Ein SH; Stenger DA; Stephens CA, et al, 150: 859, 1984

### Fluoroscopy, technology

fluoroscopic imaging: quantitation of image lag or smearing, Gray JE; Stears JC; Lopez F; Wondrow MA, 150: 563, 1984

### Foramen magnum

abnormal venous drainage simulating a glomus jugulare tumor (ab), Tjellstrom A; Svendsen P, 150: 293, 1984

### Foreign bodies, in air and food passages

fluoroscopic removal of ingested alkaline batteries, Jaffe RB; Corneli HM, 150: 585, 1984

Foley catheter removal of blunt esophageal foreign bodies. experience with 100 consecutive children (ab), Campbell JB; Quattromani FL; Foley LC, 150: 613, 1984



## G

**Gallbladder, neoplasms**

cholecystography in cholecystic cancer (ab), Nagle CE; Freitas J; Dworkin HJ, 150: 616, 1984

mobile intraluminal masses of the gallbladder (ab), Jeanty P; Ammann W; Cooperberg P; et al, 150: 298, 1984

**Gallbladder, radionuclide studies**

cholecystography in cholecystic cancer (ab), Nagle CE; Freitas J; Dworkin HJ, 150: 616, 1984

effects of fasting and parenteral alimentation on PIPIDA scintigraphy (ab), Potter T; McClain CJ; Shaffer RB, 150: 870, 1984

**Gallbladder, ultrasound studies**

sonographic examination of gallbladder kinetics in childhood—a comparison between healthy children and mucoviscidosis patients (ab), Klingmüller V; Abiodun P; Baumgarten K, 150: 290, 1984

**Gallium, radioactive**

Ga-67 uptake in the lung in sarcoidosis, Johnson DG; Johnson SM; Harris CC; Piantadosi CA; Blinder RA; Coleman RE, 150: 551, 1984

**Gastritis**

chronic erosive gastritis—clinical and radiological features (ab), McLean AM; Paul RE; Philipps E; et al, 150: 854, 1984

chronic erosive gastritis resulting in cachexia (ab), McLean A; Paul RE Jr; Philipps E; et al, 150: 288, 1984

**Gastrointestinal tract**

selection criteria for upper gastrointestinal examinations: attempts at improvement, McNeil BJ; Wijesinha A; Bynum TE; Greenes RA; Berenberg A; Van Houten FX; Ratnoff S; Millan D; Abrams HL, 150: 311, 1984

**Gelatin foam**

embolotherapy in vascular disease, White RI Jr, (AJR), 142: 27, 1984

**Glucagon**

effect of glucagon on the diagnostic accuracy of double-contrast barium enema examinations, Thoeni RF; Vandeman F; Wall SD, (AJR), 142: 111, 1984

**Glucagon storage disease**

ultrasongraphic features of hepatic adenomas in type I glycogen storage disease (ab), Bowerman RA; Samuels BI; Silver TM, 150: 298, 1984

**Grafts**

rupture of a coronary bypass graft aneurysm: CT evaluation and coil occlusion therapy, Shapeero LG; Guthaner DF; Swerdlow CD; et al, (AJR), 141: 1060, 1983

**Grafts, stenosis**

percutaneous transluminal angioplasty of aortocoronary saphenous vein graft. morphological observations (ab), Famularo M; Vasilomanolakis EC; Schragar B; et al, 150: 857, 1984

**Granuloma**

chest radiograph in lymphomatoid granulomatosis: comparison with Wegener granulomatosis, Wechsler RJ; Steiner RM; Israel HL; et al, (AJR), 142: 79, 1984

intracerebellar coccidioid granuloma, Nakazawa G; Lulu RE; Koo AH, (AJNR), 4: 1243, 1983

**Granuloma, lymphomatoid**

chest radiograph in lymphomatoid granulomatosis: comparison with Wegener granulomatosis, Wechsler RJ; Steiner RM; Israel HL; et al, (AJR), 142: 79, 1984

**Gynecology, ultrasound studies**

ultrasound of the acutely ill obstetrics and gynecology patient, Chinn DH; Callen PW, (RCNA), 21: 585, 1983

## H

**Hamartoma**

proteus syndrome. partial gigantism of the hands and/or feet, nevi, hemihypertrophy, subcutaneous tumors, macrocephaly and other skull anomalies and possible accelerated growth and visceral affections (ab), Wiedemann H-R; Burgio GR; Aldenhoff P; et al, 150: 860, 1984

**Hand**

low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, 150: 375, 1984

**Hand, angiography**

prostaglandin E<sub>1</sub> in hand angiography, Levy JM; Joseph RB; Bodell LS; et al, (AJR), 141: 1043, 1983

**Head, abnormalities**

applications of pattern profile analysis to malformations of the head and face, Garn SM; Smith BH; LaVelle M, 150: 683, 1984

three dimensional CT reconstruction images for craniofacial surgical planning and evaluation, Vannier MW; Marsh JL; Warren JO, 150: 179, 1984

**Head, computed tomography**

dense dermoids in craniocervical region (ab), Cecchini A; Pezzotta S; Paolotti P; et al, 150: 865, 1984

dermoid cyst of the floor of the mouth: CT appearance, Hunter TB; Paplanus SH; Chernin MM; et al, (AJR), 141: 1239, 1983

head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Yousef SJ; Clappitt ME; Bonstelle CT; Huss R, 150: 71, 1984

jugal foramen: anatomic and computed tomographic study, Daniels DL; Williams AL; Haughton VM, (AJR), 142: 153, 1984

lissencephaly: computed tomographic diagnosis (ab), Williams JP; Joslyn JN, 150: 865, 1984

medulloblastomas and retinoblastomas: CT images of intracranial meningeal metastases (ab), Picard L; Almeras M; Delgoffe C; et al, 150: 861, 1984

primary intracranial tumor imaging: a comparison of magnetic resonance and CT, Brant-Zawadzki M; Badami JP; Mills CM; Norman D; Newton TH, 150: 435, 1984

subdural empyema: CT findings, Zimmerman RD; Leeds NE; Danziger A, 150: 417, 1984

subdural hematoma secondary to ruptured intracranial aneurysm: computed tomographic diagnosis (ab), Williams JP; Joslyn JN; White JL; et al, 150: 290, 1984

**Head, injuries**

head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Yousef SJ; Clappitt ME; Bonstelle CT; Huss R, 150: 71, 1984

**Head, magnetic resonance studies**

anatomy and metabolism of the normal human brain studied by magnetic resonance at 1.5 Tesla, Bottomley PA; Hart HR Jr; Edelstein WA; Schenck JF; Smith LS; Leue WM; Mueller OM; Redington RW, 150: 441, 1984

head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Yousef SJ; Clappitt ME; Bonstelle CT; Huss R, 150: 71, 1984

**Head, radiography**

basic neuroradiology (bk rev), Sarwar M; Azarkia B; Batnitzky S, Reviewed by Hammerschlag SB, 150: 718, 1984

**Head, therapeutic radiology**

hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck (ab), Saman NA; Vieto R; Schultz PN; et al, 150: 294, 1984

**Heart, abnormalities**

cyanotic congenital heart disease with suspected stroke (ab), Kurlan R; Griggs RC, 150: 291, 1984

gated magnetic resonance imaging of congenital cardiac malformations, Fletcher BD; Jacobstein MD; Nelson AD; Riemenschneider TA; Alfidi RJ, 150: 137, 1984

**Heart, catheterization**

catheter pericardiocentesis in the postoperative period (ab), Erikson U; Aberg T; Klingen G, 150: 857, 1984

**Heart, computed tomography**

evaluation of intracardiac thrombus with computed tomography (ab), Tomoda H; Hoshiai M; Furuya H; et al, 150: 295, 1984

in vivo estimation of myocardial infarct size and left ventricular function by prospectively gated computerized transmission tomography (ab), Slutsky RA; Mattrey RF; Long SA; et al, 150: 614, 1984

noninvasive detection of intracardiac tumors by ultrasound and computed tomography (ab), Niehues B; Heuser L; Jansen W; et al, 150: 297, 1984

quantitation of size of myocardial infarctions by computerized transmission tomography: comparison with hot-spot and cold-spot radionuclide scans (ab), Gerber KH; Higgins CB, 150: 866, 1984

rupture of a coronary bypass graft aneurysm: CT evaluation and coil occlusion therapy, Shapeero LG; Guthaner DF; Swerdlow CD; et al, (AJR), 141: 1060, 1983

**Heart, ejection fraction**

first-pass radionuclide angiography via pulmonary arterial catheters. a critical analysis of background components, Dymond DS; Grenier RP; Carpenter J; Schmidt DH, 150: 819, 1984

**Heart, hypertrophies**

apical hypertrophic cardiomyopathy (ab), Kereikes DJ; Anderson DJ; Crouse L; et al, 150: 867, 1984

**Heart, hypotrophy**

echocardiographic detection of right ventricular hypotrophy (ab), Baker BJ; Scovill JA; Kane JJ; et al, 150: 615, 1984

genesis of the systolic murmur of idiopathic hypertrophic subaortic stenosis: phonocardiographic, echocardiographic, and pulsed Doppler ultrasound correlations (ab), Chandrartna PAN; Aronow WS, 150: 615, 1984

**Heart, infarction**

quantitation of size of myocardial infarctions by computerized transmission tomography: comparison with hot-spot and cold-spot radionuclide scans (ab), Gerber KH; Higgins CB, 150: 866, 1984

**Heart, magnetic resonance studies**

cardiac imaging using gated magnetic resonance, Lanzer P; Botvinick EH; Schiller NB; Crooks LE; Arakawa M; Kaufman L; Davis PL; Herfkens R; Lipton MJ; Higgins CB, 150: 121, 1984

gated magnetic resonance imaging of congenital cardiac malformations, Fletcher BD; Jacobstein MD; Nelson AD; Riemenschneider TA; Alfidi RJ, 150: 137, 1984

volume and planar gated cardiac magnetic resonance imaging: a correlative study of normal anatomy with thallium-201 SPECT and cadaver sections, Go RT; MacIntyre WJ; Yeung HN; Kramer DM; Geisinger M; Chilcote W; George C; O'Donnell JK; Moodie DS; Meaney TF, 150: 129, 1984

**Heart, neoplasms**

noninvasive detection of intracardiac tumors by ultrasound and computed tomography (ab), Niehues B; Heuser L; Jansen W; et al, 150: 297, 1984

**Heart, physiology**

analysis of cardiac diastolic function: application in coronary artery disease (ab), Miller TR; Goldman KJ; Sampathkumaran KS; et al, 150: 302, 1984

relationship of radionuclide indexes of cardiac function during interventions: volume loading, afterload stress, exercise, and pacing (ab), Slutsky RA, 150: 302, 1984

**Heart, radiography**

rontgenologische herz volumenbestimmung (bk rev), Kaltenbach M; Klepzig H eds., Reviewed by Flachs K, 150: 6, 1984

rotational kymography: technique for automated analysis of cine left ventriculograms, Cragg AH; Lund G; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, 150: 260, 1984

**Heart, radionuclide studies**

quantitation of size of myocardial infarctions by computerized transmission tomography: comparison with hot-spot and cold-spot radionuclide scans (ab), Gerber KH; Higgins CB, 150: 866, 1984

**Heart, radionuclide studies**

count-based left ventricular volume determination utilizing a left posterior oblique view for attenuation correction, Rabinovitch MA; Kalif V; Koral K; Chan W; Juni JE; Lerman B; Lampman R; Walton J; Grassley D; Vogel R; Pitt B; Thrall JH, 150: 813, 1984

relationship of radionuclide indexes of cardiac function during interventions: volume loading, afterload stress, exercise, and pacing (ab), Slutsky RA, 150: 302, 1984

## Heart, transplantation

### Heart, transplantation

radiographic findings in the chest of patients following cardiac transplantation (ab), Shirazi KK; Amendola MA; Tisnado J; et al, 150: 287, 1984

### Heart, ultrasound studies

anorexia nervosa: a cause of pericardial effusion? (ab), Silverman JA; Krongrad E, 150: 858, 1984

apical hypertrophic cardiomyopathy (ab), Kereiakes DJ; Anderson DJ; Crouse L; et al, 150: 867, 1984

contrast echocardiography in detection of portopulmonary venous anastomosis, Sano A; Nishizawa S; Sasai K; et al, (AJR), 142: 137, 1984

echocardiographic demonstration of pericardial fluid adjacent to the right atrial wall (ab), Challender JG; Winsberg F, 150: 615, 1984

echocardiographic detection of right ventricular hypertrophy (ab), Baker BJ; Scoville JA; Kane JJ; et al, 150: 615, 1984

genesis of the systolic murmur of idiopathic hypertrophic subaortic stenosis: phonocardiographic, echocardiographic, and pulsed Doppler ultrasound correlations (ab), Chandraratna PAN; Aronow WS, 150: 615, 1984

myocardial texture characterization by two-dimensional echocardiography (ab), Bhandari AK; Nanda NC, 150: 297, 1984

noninvasive detection of intracardiac tumors by ultrasound and computed tomography (ab), Nishues B; Heuser L; Jansen W; et al, 150: 297, 1984

prevalence and correlates of posterior extra echocardiographic spaces in a free-living population based sample (The Framingham Study) (ab), Savage DD; Garrison RJ; Brand F; et al, 150: 867, 1984

real-time 2-dimensional echocardiographic visualization of thrombus on a Björk-Shiley mitral valve prosthesis (ab), Lewis BS; Agathangelou NE; Dos Santos LA; et al, 150: 297, 1984

transient right atrial thrombus during acute myocardial infarction: diagnosis by echocardiography (ab), Come PC, 150: 867, 1984

univentricular heart combined 2-dimensional-pulsed Doppler (duplex) echocardiographic evaluation (ab), Bisset GS III; Hirschfield SS, 150: 867, 1984

**Heart, volume**  
count-based left ventricular volume determination utilizing a left posterior oblique view for attenuation correction, Rabinovitch MA; Kalfv V; Koral K; Chan W; Juni JE; Lerman B; Lampman R; Walton J; Grassley D; Vogel R; Pitt B; Thrall JH, 150: 813, 1984

rontgenologische herzvolumenbestimmung (bk rev), Kaltenbach M; Klepzig H eds., Reviewed by Flachs K, 150: 6, 1984

**Hemangioma**  
See Angioma

**Hemangiopericytoma**  
sonographic appearance of a gastric hemangiopericytoma (ab), Bonhof JA; Kremer H; Schumann G; et al, 150: 298, 1984

**Hemodialysis**  
See Dialysis

**Hemoptysis**  
See Lung, hemorrhage

**Heredity**  
See Familial conditions

**Hernia, Bochdalek**  
late-onset Bochdalek's hernia with obstruction: radiographic spectrum of presentation (ab), Gaisie G; Young LW; Oh KS, 150: 289, 1984

**Hernia, diaphragmatic**  
abnormal course of nasogastric tube in traumatic rupture of left hemidiaphragm, Perlman SJ; Rogers LF; Mintzer RA; et al, (AJR), 142: 85, 1984

**Hernia, hiatal**  
prevalence, course and management of some benign oesophageal diseases in the Black population, the Groote Schuur Hospital experience (ab), Silber W, 150: 854, 1984

**Hip, arthrography**  
intracapsular pressure monitoring during arthrographic evaluation of painful hip prostheses, Cone RO; Yaru N; Resnick D; et al, (AJR), 141: 885, 1983

**Hip, computed tomography**  
concentric reduction of the dislocated hip: computed-tomographic evaluation, Hernandez RJ, 150: 266, 1984

### Hip, dislocation

concentric reduction of the dislocated hip: computed-tomographic evaluation, Hernandez RJ, 150: 266, 1984

### Hip, fractures

acetabular fracture assessment with computerized tomography (ab), Rubenstein J; Kellam J; McGonigal D, 150: 866, 1984

cross-sectional anatomy of the adult bony acetabulum (ab), Rubenstein J; Kellam J; McGonigal D, 150: 866, 1984

### Hip, prosthesis

intracapsular pressure monitoring during arthrographic evaluation of painful hip prostheses, Cone RO; Yaru N; Resnick D; et al, (AJR), 141: 885, 1983

### Hirschsprung's disease

See Colon, aganglionosis

### Histiocytosis

orbital histiocytosis on computed tomography (ab), Banna M; Olutola PS, 150: 865, 1984

### Histoplasmosis

histoplasmosis of the adrenal glands studied by CT, Wilson DA; Muchmore HG; Tisdal RG; Fahmy A; Pitha JV, 150: 779, 1984

### Hodgkin's disease, therapy

mucosal bridges of the upper esophagus after radiotherapy for Hodgkin's disease (ab), Papazian A; Capron J-P; Ducroix J-P; et al, 150: 871, 1984

### Homosexual

generalized lymphadenopathy in homosexual men (ab), Metroka CE; Cunningham-Rundles S; Pollack MS; et al, 150: 857, 1984

### Homosexuals

Kaposi sarcoma and lymphadenopathy syndrome: limitations of abdominal CT in acquired immunodeficiency syndrome, Moon KL Jr; Federle MP; Abrams DJ; Volberding P; Lewis BJ, 150: 479, 1984

monilial enteritis in acquired immunodeficiency syndrome, Radin DR; Fong T-L; Halls JM; et al, (AJR), 141: 1289, 1983

### Humerus, fracture

halfmoon sign (ab), Schild H; Muller HA; Klose K, 150: 612, 1984

### Hyperostosis

diffuse posterior hyperostosis of the cervical spine with cord compression: a Forestier (DISH) variant (ab), Cholanteril JV; Cenizal J; Ketyer S; et al, 150: 292, 1984

dural lucent line: characteristic sign of hyperostosing meningioma in plaque, Kim KS; Rogers LF; Lee C, (AJR), 141: 1217, 1983

### Hyperostosis, infantile cortical

antenatal diagnosis of Caffey disease (ab), Labrune M; Guedj G; Vial M; et al, 150: 860, 1984

### Hypertension, systemic

exercise renogram, a new approach documents renal involvement in systemic hypertension (ab), Clorius JH; Schmidlin P, 150: 616, 1984

renal angioplasty: current status, Tegtmeyer CJ; Kofler TJ; Ayers CA, (AJR), 142: 17, 1984

### Hypothalamus

hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck (ab), Samaan NA; Vieto R; Schultz PN; et al, 150: 294, 1984

## I

### Images, processing

digital image processing: effect on detectability of simulated low-contrast radiographic patterns, Ishida M; Doi K; Loo L-N; Metz CE; Lehr JL, 150: 569, 1984

### Images, quality

fluoroscopic imaging: quantitation of image lag or smearing, Gray JE; Stears JG; Lopez F; Wondrow MA, 150: 563, 1984

### Infant, newborn, central nervous system

occipital horn of the lateral ventricles in premature infants, an ultrasonographic study (ab), Reeder JD; Kaude JV; Setzer ES, 150: 858, 1984

### Infants, cardiovascular system

prognostic value of left ventricular size measured by echocardiography in infants with total anomalous pulmonary venous drainage (ab), Lima CO; Valdes-Cruz LM; Allen HD; et al, 150: 858, 1984

### Infants, central nervous system

factors affecting outcome in hypoxic-ischemic encephalopathy in term infants (ab), Finer NN; Robertson CM; Peters KL; et al, 150: 613, 1984

sonographic recognition of multiple cystic encephalomalacia, Stannard MW; Jimenez JF, (AJR), 141: 1321, 1983

### Infants, digestive system

fluoroscopic removal of ingested alkaline batteries, Jaffe RB; Corneli HM, 150: 585, 1984

Hirschsprung disease: accuracy of the barium enema examination, Rosenfield NS; Ablow RC; Markowitz RI; DiPietro M; Seashore JH; Touloukian RJ; Cicchetti DV, 150: 393, 1984

long-term follow-up of surgery for gastroesophageal reflux in infants and children (ab), Harnsberger JK; Corey JJ; Johnson DG; et al, 150: 289, 1984

radiographic diagnosis of meconium peritonitis, a report of 200 cases including six fetal cases (ab), Pan EY; Chen LY; Yang JZ; et al, 150: 859, 1984

sonographic features of hepatocellular disease in neonates and infants, Blane CE; Jongeward RH Jr; Silver TM, (AJR), 141: 1313, 1983

### Infants, genitourinary system

measurement of renal size in preterm and term infants by real-time ultrasound (ab), De Vries L; Levene MJ, 150: 613, 1984

**Infants, newborn, cardiovascular system**  
left ventricular outflow obstruction and necrotizing enterocolitis, Allen HA; Haney PJ, 150: 401, 1984

**Infants, newborn, central nervous system**  
caudothalamic groove: value in identification of germinal matrix hemorrhage by sonography in preterm neonates, Bowie JD; Kirks DR; Rosenberg ER; et al, (AJR), 141: 1317, 1983

real-time ultrasonography of the posterior fossa (ab), Grant EG; Schellinger D; Richardson JD, 150: 289, 1984

**Infants, newborn, digestive system**  
bowel perforation in the newborn: diagnosis with metrizamide, Cohen MD; Weber TR; Grosfeld JL, 150: 65, 1984

left ventricular outflow obstruction and necrotizing enterocolitis, Allen HA; Haney PJ, 150: 401, 1984

sonographic features of hepatocellular disease in neonates and infants, Blane CE; Jongeward RH Jr; Silver TM, (AJR), 141: 1313, 1983

**Infants, premature, central nervous system**  
neonatal intracerebellar hemorrhage: detection by real-time ultrasound, Peterson CM; Smith WL; Franken EA, 150: 391, 1984

**Infants, skeletal system**  
femoral hypoplasia, unusual facies syndrome in infants with diabetic mothers (ab), Johnson JP; Carey JC; Gooch WM III; et al, 150: 860, 1984

holoprosencephaly in infants of diabetic mothers (ab), Barr M Jr; Hanson JW; Currey K; et al, 150: 289, 1984

**Insulinoma**  
See Pancreas, neoplasms

**Intestinal neoplasms**  
carcinoma of the small intestine and colon as a complication of Crohn disease: radiologic manifestations, Kerber GW; Frank PH, 150: 639, 1984

sonographic diagnosis of malignant carcinoid of the small intestine (ab), Swobodnik W; Wechsler JG; Ditschuneit H, 150: 298, 1984

surgical therapy for small-bowel carcinoid tumors (ab), Strodel WE; Talpos C; Eckhauser F; et al, 150: 288, 1984

**Intestines, computed tomography**  
computed tomographic findings in bowel infarction, Federle MP; Chun G; Jeffrey RB; et al, (AJR), 142: 91, 1984

**Intestines, diseases**  
carcinoma of the small intestine and colon as a complication of Crohn disease: radiologic manifestations, Kerber GW; Frank PH, 150: 639, 1984

diffuse lymphoid follicles of the colon associated with colonic carcinoma, Bronen RA; Glick SN; Teplick SK, (AJR), 142: 105, 1984

experience with small bowel double-contrast examinations (ab), Salomonowitz E; Wittich G; Czembirek H, 150: 855, 1984

ultrasonographic findings in diseases of the appendix (ab), Parulekar SG, 150: 298, 1984

**Intestines, infarction**  
computed tomographic findings in bowel infarction, Federle MP; Chun G; Jeffrey RB; et al, (AJR), 142: 91, 1984

**Intestines, intubation**  
pneumothorax as a complication of feeding tube placement, Balogh G; Adler SJ; VanderWoude J; et al, (AJR), 141: 1275, 1983

**Intestines, obstruction**  
See Intestines, stenosis

**Intestines, perforation**  
bowel perforation in the newborn: diagnosis with metrizamide, Cohen MD; Weber TR; Grosfeld JL, 150: 65, 1984

intestinal perforation in abdominal typhus in childhood (ab), Vogel H; Rodriguez HCG; Gomez MZ; et al, 150: 290, 1984

**Intestines, radiography**  
experience with small bowel double-contrast examinations (ab), Salomonowitz E; Wittich G; Czembirek H, 150: 855, 1984

radiology of the small bowel: modern enteroclysis technique and atlas (bk rev), Sellink JL, Reviewed by Miller RE, 150: 344, 1984

**Intestines, stenosis**  
prone films of abdomen—a diagnostic tool in intestinal obstruction in children (ab), Cherian MJ; Kumar EN; Cherian K; et al, 150: 613, 1984

pseudo-obstruction of the large bowel (ab), Addison VN, 150: 288, 1984

**Intestines, surgery**  
surgical therapy for small-bowel carcinoid tumors (ab), Strodel WE; Talpos G; Eckhauser F; et al, 150: 288, 1984

**Intestines, ultrasound studies**  
sonographic diagnosis of malignant carcinoid of the small intestine (ab), Swobodnik W; Wechsler JG; Ditschuneit H, 150: 298, 1984

ultrasonographic findings in diseases of the appendix (ab), Parulekar SG, 150: 298, 1984

**Iodine and iodine compounds, radioactive**  
transient hypothyroidism following radioiodine therapy for thyrotoxicosis (ab), Connell JMC; Hilditch TE; McCrudden DC; et al, 150: 304, 1984

**Iridium, radioactive**  
intraoperative interstitial implantation of iridium 192 in the breast, Mansfield CM; Jewell WR, 150: 600, 1984

**Iron**  
magnetic resonance imaging of transfusional hemosiderosis complicating thalassemia major, Brasch RC; Wesbey GE; Gooding CA; Koerper MA, 150: 767, 1984

nuclear magnetic resonance of iron and copper disease states, Runge VM; Clanton JA; Smith FW; et al, (AJR), 141: 943, 1983

**Islet-cell neoplasms**  
See Pancreas, neoplasms

**J**

**Jaw, neoplasms**  
giant complex odontoma of the maxillary antrum (ab), Mendelsohn DB; Hertzanu Y; Glass RB; et al, 150: 294, 1984

**Jaws, abnormalities**  
nature of the mandibular lesion in Melnick-Needles syndrome (L), Leonard MS; Gorlin RJ, 150: 844, 1984

temporomandibular joints: high-resolution computed tomographic evaluation, Thompson JR; Christiansen E; Hasso AN; Hinshaw DB Jr, 150: 105, 1984

**Jaws, computed tomography**  
temporomandibular joints: high-resolution computed tomographic evaluation, Thompson JR; Christiansen E; Hasso AN; Hinshaw DB Jr, 150: 105, 1984

**Joints**  
bones and joints in diabetes mellitus. vol. 4 in series in radiology (bk rev), Forgacs S, Reviewed by Gondos B, 150: 326, 1984

**Joints, computed tomography**  
internal derangements of the temporomandibular joint: diagnosis by direct sagittal computed tomography, Manzione JV; Katzberg RW; Brodsky GL; Seltzer SE; Mellins HZ, 150: 111, 1984

**Joints, temporomandibular**  
internal derangements of the temporomandibular joint: diagnosis by direct sagittal computed tomography, Manzione JV; Katzberg RW; Brodsky GL; Seltzer SE; Mellins HZ, 150: 111, 1984

temporomandibular joints: high-resolution computed tomographic evaluation, Thompson JR; Christiansen E; Hasso AN; Hinshaw DB Jr, 150: 105, 1984

temporomandibular joint: true sagittal computed tomography with meniscus visualization, Sartoris DJ; Neumann CH; Riley RW, 150: 250, 1984

## K

**Kaposi's sarcoma**  
Kaposi sarcoma and lymphadenopathy syndrome: limitations of abdominal CT in acquired immunodeficiency syndrome, Moon KL Jr; Federle MP; Abrams DJ; Volberding P; Lewis BJ, 150: 479, 1984

**Kidney, abnormalities**  
CT and ultrasonography of acute renal abnormalities, Jeffrey RB; Federle MP, (RCNA), 21: 515, 1983

**Kidney, calculi**  
percutaneous renal stone removal. use of carbon dioxide as contrast material, Salomonowitz E; Castaneda-Zuniga WR; Lange PH; Cragg AH; Lund G; Hunter DW; Coleman CC; Amplatz K, 150: 833, 1984

**Kidney, computed tomography**  
accuracy of computed tomography in staging of kidney tumors (ab), Jaschke W; Kaick G; Peter S; et al, 150: 614, 1984

computed tomography in detection of occult hypernephroma (ab), Raval B; Lamki N, 150: 296, 1984

CT and ultrasonography of acute renal abnormalities, Jeffrey RB; Federle MP, (RCNA), 21: 515, 1983

CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, Levine E; Grantham JJ; Slusher SL; et al, (AJR), 142: 125, 1984

hyperdense renal masses: a CT manifestation of hemorrhagic renal cysts, Sussman S; Cochran ST; Pagani JJ; McArdle C; Wong W; Austin R; Curry N; Kelly KM, 150: 207, 1984

renal infarction: CT diagnosis and correlation between CT findings and etiologies, Wong WS; Moss AA; Federle MP; Cochran ST; London SS, 150: 201, 1984

**Kidney, cysts**  
CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, Levine E; Grantham JJ; Slusher SL; et al, (AJR), 142: 125, 1984

hyperdense renal masses: a CT manifestation of hemorrhagic renal cysts, Sussman S; Cochran ST; Pagani JJ; McArdle C; Wong W; Austin R; Curry N; Kelly KM, 150: 207, 1984

multicystic renal cell carcinoma (ab), Clouse ME; Lee RGL; Evans DD, 150: 296, 1984

sonography of evolving renal cystic transformation associated with hemodialysis, Andersen BL; Curry NS; Gobien RP, (AJR), 141: 1003, 1983

**Kidney, diseases**  
polycystic kidney disease and intracranial aneurysms: early angiographic diagnosis and early operation for the unruptured aneurysm (ab), Wakabayashi T; Fujita S; Ohbora Y; et al, 150: 290, 1984

**Kidney, hemorrhage**  
hyperdense renal masses: a CT manifestation of hemorrhagic renal cysts, Sussman S; Cochran ST; Pagani JJ; McArdle C; Wong W; Austin R; Curry N; Kelly KM, 150: 207, 1984

**Kidney, infarction**  
renal infarction: CT diagnosis and correlation between CT findings and etiologies, Wong WS; Moss AA; Federle MP; Cochran ST; London SS, 150: 201, 1984

**Kidney, neoplasms**  
CT of acquired cystic kidney disease and renal tumors in long-term dialysis patients, Levine E; Grantham JJ; Slusher SL; et al, (AJR), 142: 125, 1984

**Kidney, percutaneous nephrostomy**  
fractured catheter: unusual complication of percutaneous nephrostomy (ab), Benson KH; Watson RA; Deshon GE Jr; et al, 150: 858, 1984

**Kidney, radionuclide studies**  
evaluation of renal function parameters with simultaneously administered <sup>99m</sup>Tc-DTPA and <sup>131</sup>I-hippuran (ab), Kemp V; Persson BRR, 150: 617, 1984

exercise renogram. a new approach documents renal involvement in systemic hypertension (ab), Clorius JH; Schmidlin P, 150: 616, 1984

is serial iodohippurate renography at the bedside reliable enough to monitor renal transplants? (ab), Huland H; Bischoff UK, 150: 616, 1984

transient reduction in renal function following arteriography: a radionuclide study (ab), Gates GF; Green GS, 150: 870, 1984

**Kidney, stone extraction**  
percutaneous renal stone removal. use of carbon dioxide as contrast material, Salomonowitz E; Castaneda-Zuniga WR; Lange PH; Cragg AH; Lund G; Hunter DW; Coleman CC; Amplatz K, 150: 833, 1984

**Kidney, transplantation**  
CT of abdominal lymphoma after renal transplantation, Frick MP; Salomonowitz E; Hanto DW; et al, (AJR), 142: 97, 1984

evaluation of renal transplants with pulsed Doppler duplex sonography (ab), Berland LL; Lawson TL; Adams MB; et al, 150: 300, 1984

is serial iodohippurate renography at the bedside reliable enough to monitor renal transplants? (ab), Huland H; Bischoff UK, 150: 616, 1984

pulmonary calcification in a renal transplant recipient (ab), Evans TW; Collins M; Adams JE et al, 150: 295, 1984

**Kidney, ultrasound studies**  
CT and ultrasonography of acute renal abnormalities, Jeffrey RB; Federle MP, (RCNA), 21: 515, 1983

evaluation of renal transplants with pulsed Doppler duplex sonography (ab), Berland LL; Lawson TL; Adams MB; et al, 150: 300, 1984

incidence of carcinoma of the renal cyst wall (results of 22,000 sonographic examinations) (ab), Weiss H; Ludwig G; Weiss A; et al, 150: 300, 1984

measurement of renal size in preterm and term infants by real-time ultrasound (ab), De Vries L; Levene MI, 150: 613, 1984

sonography of evolving renal cystic transformation associated with hemodialysis, Andersen BL; Curry NS; Gobien RP, (AJR), 141: 1003, 1983

**Kidney, volume**  
kidney length correlated with age: normal values in children, Currarino G; Williams B; Dana K, 150: 703, 1984

measurement of renal size in preterm and term infants by real-time ultrasound (ab), De Vries L; Levene MI, 150: 613, 1984

**Kidney neoplasms**  
clinical course and prognosis of patients with renal adenocarcinoma with solitary metastasis (ab), Kjaer M; Engelholm SA, 150: 303, 1984

computed tomography in detection of occult hypernephroma (ab), Raval B; Lamki N, 150: 296, 1984

incidence of carcinoma of the renal cyst wall (results of 22,000 sonographic examinations) (ab), Weiss H; Ludwig G; Weiss A; et al, 150: 300, 1984

transitional cell carcinoma of the kidney with invasion of the renal vein (ab), Hartmann DS; Pyatt RS; Dailey E, 150: 855, 1984

**Kidney neoplasms, computed tomographic diagnosis**  
correlation of CT and ultrasound in the evaluation of renal lymphoma (ab), Horii SC; Bosniak MA; Megibow AJ; et al, 150: 855, 1984

**Kidney neoplasms, diagnosis**  
multiple oncocytomas and renal carcinoma, Velasquez G; Glass TA; D'Souza VJ; et al, (AJR), 142: 123, 1984



## Kidney neoplasms, metastases

### Kidney neoplasms, metastases

osseous metastases from renal cell carcinoma: embolization and surgery for restoration of function. work in progress. Rowe DM; Becker GJ; Rabe FE; Holden RW; Richmond BD; Wass JL; Sequeira FW, 150: 673, 1984

### Kidney neoplasms, staging

accuracy of computed tomography in staging of kidney tumors (ab). Jaschke W; Kaick G; Peter S; et al, 150: 614, 1984

### Kidney neoplasms, ultrasound diagnosis

correlation of CT and ultrasound in the evaluation of renal lymphoma (ab). Horii SC; Bosniak MA; Megibow AJ; et al, 150: 855, 1984

### Klippel-Feil syndrome

See Spine, abnormalities

### Knee, arthrography

arthrographic recognition of the mediopatellar plica of the knee (L). Dory MA, 150: 608, 1984

suprapatellar plica synovialis: a common arthrographic finding (ab). SanDretto MA; Wartinec DR; Carrera GF; et al, 150: 856, 1984

### Kymography

rotational kymography: technique for automated analysis of cine left ventriculograms. Cragg AH; Lund G; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, 150: 260, 1984

## L

### Lacrimal gland and duct, radiography

nasolacrimal dysfunction (ab). Powell JB II, 150: 863, 1984

### Larynx, computed tomography

digital radiographic localization for CT scanning of the larynx. Silverman PM; Korobkin M; Rauch RF, (AJR), 141: 1329, 1983

manual strangulation injuries of the larynx (ab). Stanley RB Jr; Hanson DG, 150: 864, 1984

### Larynx, injuries

manual strangulation injuries of the larynx (ab). Stanley RB Jr; Hanson DG, 150: 864, 1984

### Legionnaires' disease

pneumonia caused by Pittsburgh pneumonia agent: radiologic manifestations. Muder RR; Reddy SC; Yu VL; Kroboth FJ, 150: 633, 1984

### Letters to the Editor

arthrographic recognition of the mediopatellar plica of the knee (L). Dory MA, 150: 608, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid (L). Maurer AH; Knight LC, 150: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L). Bardfeld PA; Harrison DA; Irwin GA; Buetow G, 150: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L). Maurer AH; Knight LC, 150: 842, 1984

detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L). Bardfeld PA; Harrison DA; Wasserstein G; Buetow G; Irwin GA, 150: 843, 1984

digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism (L). Grossman ZD; Ellis DA; Brigham SC; Farrar FM; Sternick AN; Bramhava D, 150: 843, 1984

digital subtraction angiography of the pulmonary arteries for the diagnosis of pulmonary embolism: reply (L). Ludwig JW, 150: 844, 1984

nature of the mandibular lesion in Melnick-Needles syndrome (L). Leonard MS; Gorlin RJ, 150: 844, 1984

reassessment of the routine double-contrast examination of the esophagus (L). Hall FM, 150: 278, 1984

reassessment of the routine double-contrast examination of the esophagus: reply (L). Magline DDT, 150: 278, 1984

recurrent neuroblastoma: determining the frequency of follow-up examinations (L). Dwyer AJ; Doppman JL, 150: 607, 1984

recurrent neuroblastoma: determining the frequency of follow-up examinations. reply (L). Stark DD; Heilbron D; Moss AA, 150: 607, 1984

speculation on the mechanism for amiodarone-induced pneumonitis (L). Camus P; Jeannin L, 150: 279, 1984

speculation on the mechanism for amiodarone-induced pneumonitis: reply (L). Gefter WB; Pietra GG; Epstein DM; Miller WT, 150: 280, 1984

speculation on the mechanism for amiodarone-induced pneumonitis: further comment (L). Camus P; Jeannin L, 150: 280, 1984

### Leukocytes

imaging of inflammation with indium-111-tropolonate labeled leukocytes (ab). Peters AM; Saverymuttu SH; Reavy HJ; et al, 150: 302, 1984

### Ligaments, spinal

ossification in the cephalic attachment of the ligamentum flavum: an anatomical and CT study. Williams DM; Gabrielsen TO; Latack JT; Martel W; Knake JE, 150: 423, 1984

### Lipoma and lipomatosis

lymphatic changes in retroperitoneal lipomatosis (ab). Gass MA; Gould HR; Roggensack GF; et al, 150: 296, 1984

### Lithotripsy

percutaneous transhepatic electrohydraulic lithotripsy. Lear JL; Ring EA; Macovick JA; Baum S, 150: 589, 1984

### Liver, anatomy

single photon emission computed tomograms of the liver: normal vascular intrahepatic structures. Pettigrew RI; Witzum KF; Perkins GC; Johnson ML; Burks RN; Verba JW; Halpern SE, 150: 219, 1984

### Liver, angiography

computed tomography and angiography in hepatocellular carcinoma (ab). Smevik B; Kolmannskog F, 150: 614, 1984

peliosis hepatis: diagnosis by magnification wedged hepatic venography. Lyon J; Bookstein JJ; Cartwright CA; Romano A; Heeney DJ, 150: 647, 1984

### Liver, calcification

sonographic diagnosis of cystic and calcifying liver processes (ab). Kubler M, 150: 298, 1984

### Liver, cirrhosis

chronic liver disease: evaluation by magnetic resonance. Stark DD; Goldberg HI; Moss AA; Bass NM, 150: 149, 1984

### Liver, computed tomography

computed tomographic diagnosis of hepatic metastases in fatty infiltration (ab). Lamki N; Raval B, 150: 295, 1984

computed tomography and angiography in hepatocellular carcinoma (ab). Smevik B; Kolmannskog F, 150: 614, 1984

detection of hepatic metastases: comparison of EOE-13 computed tomography and scintigraphy. Miller DL; Rosenbaum RC; Sugarbaker PH; et al, (AJR), 141: 931, 1983

evaluation of arterial embolization therapy for hepatocellular carcinoma by computed tomography (ab). Uchida H; Ohishi H; Kurosaki Y; et al, 150: 866, 1984

implications of rapid uniform density changes on hepatic computed tomography (ab). Wenzel DJ; Batist G, 150: 296, 1984

single-photon emission computed tomography of the normal liver. Carrasquillo JA; Rogers JV; Williams DL; et al, (AJR), 141: 937, 1983

### Liver, cysts

sonographic diagnosis of cystic and calcifying liver processes (ab). Kubler M, 150: 298, 1984

ultrasongraphically solid, tumor-like appearance of echinococcal cysts in the liver (ab). Barriga P; Cruz F; Lepe V; et al, 150: 615, 1984

### Liver, diseases

endoscopic retrograde cholangiogram and pancreatogram in chronic liver disease (ab). Hamilton I; Lintott DG; Rudell WSJ; et al, 150: 854, 1984

preoperative scintigraphic evaluation of the liver and biliary tract in Caroli's disease (ab). Georgiou E; Alevizaki C; Proukakis C, 150: 870, 1984

### Liver, focal nodular hyperplasia

hepatic tumors in children: ultrasonic differentiation of malignant from benign lesions. Brunelle F; Chaumont P, 150: 695, 1984

sonographic "scar sign" in focal nodular hyperplasia of the liver (ab). Scatarige JC; Fishman EK; Sanders RC, 150: 298, 1984

### Liver, magnetic resonance studies

chronic liver disease: evaluation by magnetic resonance. Stark DD; Goldberg HI; Moss AA; Bass NM, 150: 149, 1984

hepatic tumors: magnetic resonance and CT appearance. Moss AA; Goldberg HI; Stark DB; Davis PL; Margulis AR; Kaufman L; Crooks LE, 150: 141, 1984

nuclear magnetic resonance (NMR) imaging in the evaluation of the liver: a preliminary experience (ab). Borkowski GP; Buonocore E; George CR; et al, 150: 864, 1984

### Liver, radionuclide studies

detection of hepatic metastases: comparison of EOE-13 computed tomography and scintigraphy. Miller DL; Rosenbaum RC; Sugarbaker PH; et al, (AJR), 141: 931, 1983

preoperative scintigraphic evaluation of the liver and biliary tract in Caroli's disease (ab). Georgiou E; Alevizaki C; Proukakis C, 150: 870, 1984

single photon emission computed tomograms of the liver: normal vascular intrahepatic structures. Pettigrew RI; Witzum KF; Perkins GC; Johnson ML; Burks RN; Verba JW; Halpern SE, 150: 219, 1984

transient focal liver scan defects in children receiving chemotherapy. work in progress. Abramson SJ; Barash FS; Seldin DW; Berdon WE, 150: 701, 1984

uptake of Tc-99m MAA by the liver during a thromboscintigram/lung scan (ab). Marcus CS; Parker LS; Rose JG; et al, 150: 302, 1984

### Liver, surgery

subhepatic sonography following cholecystectomy (ab). Shirazi KK; Maull KI, 150: 298, 1984

### Liver, ultrasound studies

hereditary hemorrhagic telangiectasia: sonographic findings in the liver. Clogman HM; DiCapo RD, 150: 521, 1984

Osler-Weber-Rendu disease with multiple intrahepatic arteriovenous fistulas (ab). Danchin N; Thisse JY; Neimann JL; et al, 150: 867, 1984

sonographic diagnosis of cystic and calcifying liver processes (ab). Kubler M, 150: 298, 1984

sonographic features of hepatocellular disease in neonates and infants. Blanc CE; Jongeward RH Jr; Silver TM, (AJR), 141: 1313, 1983

sonographic "scar sign" in focal nodular hyperplasia of the liver (ab). Scatarige JC; Fishman EK; Sanders RC, 150: 298, 1984

spontaneous regression of infantile hemangioendotheliomatosis of the liver: demonstration by ultrasound (ab). Pades JG; Bryan PJ; Gauderer MWL, 150: 860, 1984

subhepatic sonography following cholecystectomy (ab). Shirazi KK; Maull KI, 150: 298, 1984

ultrasongraphically solid, tumor-like appearance of echinococcal cysts in the liver (ab). Barriga P; Cruz F; Lepe V; et al, 150: 615, 1984

ultrasongraphically features of hepatic adenomas in type I glycogen storage disease (ab). Bowerman RA; Samuels BJ; Silver TM, 150: 298, 1984

ultrasongraphy of small hepatic tumors using high-resolution linear-array real-time instruments. Sheu J-C; Sung J-L; Chen D-S; Yu J-Y; Wang T-H, 150: 797, 1984

### Liver neoplasms

computed tomography and angiography in hepatocellular carcinoma (ab). Smevik B; Kolmannskog F, 150: 614, 1984

evaluation of arterial embolization therapy for hepatocellular carcinoma by computed tomography (ab). Uchida H; Ohishi H; Kurosaki Y; et al, 150: 866, 1984

hepatic adenoma and focal nodular hyperplasia: clinical, pathologic, and radiologic features (ab). Kerlin P; David GL; McGill DB; et al, 150: 854, 1984

hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation. Subramanyam BK; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, 150: 793, 1984



- peliosis hepatis: diagnosis by magnification wedged hepatic venography, Lyon J; Bookstein JJ; Cartwright CA; Romano A; Heeney DJ, 150: 647, 1984
- ultrasonographic features of hepatic adenomas in type I glycogen storage disease (ab), Bowerman RA; Samuels BI; Silver TM, 150: 298, 1984
- Liver neoplasms, angiography**  
hepatic adenoma and focal nodular hyperplasia: clinical, pathologic, and radiologic features (ab), Kerlin P; David GL; McGill DB; et al, 150: 854, 1984
- Liver neoplasms, blood supply**  
hepatic arterial embolization for hepatocellular carcinoma: comparison of CT scans and resected specimens, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Yamada T; Kishi K; Hasagawa H; Okazaki N, 150: 661, 1984
- Liver neoplasms, diagnosis**  
hepatic tumors in children: ultrasonic differentiation of malignant from benign lesions, Brunelle F; Chaumont P, 150: 695, 1984  
hepatic tumors: magnetic resonance and CT appearance, Moss AA; Goldberg HL; Stark DB; Davis PL; Margulis AR; Kaufman L; Crooks LE, 150: 141, 1984  
ultrasonography of small hepatic tumors using high-resolution linear-array real-time instruments, Sheu J-C; Sung J-L; Chen D-S; Yu J-Y; Wang T-H, 150: 797, 1984
- Liver neoplasms, metastases**  
computed tomographic diagnosis of hepatic metastases in fatty infiltration (ab), Lamki N; Raval B, 150: 295, 1984  
detection of hepatic metastases: comparison of EOE-13 computed tomography and scintigraphy, Miller DL; Rosenbaum RC; Sugarbaker PH; et al, (AJR), 141: 931, 1983
- Liver neoplasms, radionuclide diagnosis**  
hepatic adenoma and focal nodular hyperplasia: clinical, pathologic, and radiologic features (ab), Kerlin P; David GL; McGill DB; et al, 150: 854, 1984
- Liver neoplasms, secondary**  
hepatocellular carcinoma with venous invasion, sonographic-angiographic correlation, Subramanyam BR; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, 150: 793, 1984
- Liver neoplasms, therapy**  
hepatic arterial embolization for hepatocellular carcinoma: comparison of CT scans and resected specimens, Takayasu K; Moriyama N; Muramatsu Y; Suzuki M; Yamada T; Kishi K; Hasagawa H; Okazaki N, 150: 661, 1984  
hepatocellular carcinoma treated by transcatheter arterial embolization: progress evaluated by computed tomography, Furui S; Otomo K; Itai Y; Iio M, 150: 773, 1984
- Liver neoplasms, ultrasound diagnosis**  
hepatic tumors in children: ultrasonic differentiation of malignant from benign lesions, Brunelle F; Chaumont P, 150: 695, 1984  
hepatocellular carcinoma with venous invasion, sonographic-angiographic correlation, Subramanyam BR; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, 150: 793, 1984
- Lung, abscess**  
computed tomography of lung abscess and empyema, Williford ME; Godwin JD, (RCNA), 21: 575, 1983
- Lung, anatomy**  
CT identification of bronchopulmonary segments: 50 normal subjects, Osborne D; Vock P; Godwin JD; et al, (AJR), 142: 47, 1984
- Lung, atelectasis**  
See Lung, collapse
- Lung, calcification**  
calcified adenocarcinoma of the lung with very high CT numbers, Goldstein MS; Rush M; Johnson P; Sprung CL, 150: 785, 1984  
pulmonary calcification in a renal transplant recipient (ab), Evans TW; Collins M; Adams JE et al, 150: 295, 1984
- Lung, collapse**  
bronchial obstruction: a radiographic sign, Berdon WE; Dee G; Abramson SJ; Altman RP; Wung J-T, 150: 691, 1984  
computed tomographic features of round atelectasis (ab), Glass TA; Armstrong P; Minor GR; et al, 150: 295, 1984
- Lung, computed tomography**  
broncholithiasis: its detection by computed tomography in patients with recurrent hemoptysis of unknown etiology (ab), Shin MS; Ho K-J, 150: 614, 1984  
computed tomographic features of round atelectasis (ab), Glass TA; Armstrong P; Minor GR; et al, 150: 295, 1984  
computed tomography of lung abscess and empyema, Williford ME; Godwin JD, (RCNA), 21: 575, 1983  
CT identification of bronchopulmonary segments: 50 normal subjects, Osborne D; Vock P; Godwin JD; et al, (AJR), 142: 47, 1984
- Lung, diseases**  
application of ILO classification to a population without industrial exposure: findings to be differentiated from pneumoconiosis, Epstein DM; Miller WT; Bresnitz EA; et al, (AJR), 142: 53, 1984  
miliary pulmonary blastomycosis, Stelling CB; Woodring JH; Rehm SR; Hopper DW; Noble RC, 150: 7, 1984  
pulmonary blastomycosis: radiologic manifestations, Halvorsen RA; Duncan JD; Merten DF; Gallis HA; Putman CE, 150: 1, 1984
- Lung, edema**  
See Lung, fluid
- Lung, effects of drugs on**  
pneumonitis after amiodarone therapy, Olson LK; Forrest JV; Friedman PJ; Kiser PE; Henschke CI, 150: 327, 1984  
speculation on the mechanism for amiodarone-induced pneumonitis (L), Camus P; Jeannin L, 150: 279, 1984  
speculation on the mechanism for amiodarone-induced pneumonitis: reply (L), Geffer WB; Pietra GG; Epstein DM; Miller WT, 150: 280, 1984  
speculation on the mechanism for amiodarone-induced pneumonitis: further comment (L), Camus P; Jeannin L, 150: 280, 1984
- Lung, fluid**  
clinical studies of measuring extravascular lung water by the thermal dye technique in critically ill patients (ab), Sibbald WJ; Warshawski FJ; Short AK; et al, 150: 611, 1984  
recognition of pleural effusion on supine radiographs: how much fluid is required?, Woodring JH, (AJR), 142: 59, 1984
- Lung, hemorrhage**  
broncholithiasis: its detection by computed tomography in patients with recurrent hemoptysis of unknown etiology (ab), Shin MS; Ho K-J, 150: 614, 1984
- Lung, infection**  
carcinoma of the lung complicating lipoid pneumonia, Felson B; Ralaisomay G, (AJR), 141: 901, 1983  
pneumonia caused by Pittsburgh pneumonia agent: radiologic manifestations, Muder RR; Reddy SC; Yu VL; Kroboth FJ, 150: 633, 1984  
pulmonary uptake in indium-111 leukocyte imaging: clinical significance in patients with suspected occult infections, Cook PS; Datz FL; Disbro MA; Alazaki NP; Taylor AT, 150: 557, 1984
- Lung, magnetic resonance studies**  
multiple NMR T2 relaxation values in human liver tissue, Bernardino ME; Small W; Goldstein J; et al, (AJR), 141: 1203, 1983
- Lung, radionuclide studies**  
Ga-67 uptake in the lung in sarcoidosis, Johnson DG; Johnson SM; Harris CC; Piantadosi CA; Blinder RA; Coleman RE, 150: 551, 1984  
pulmonary uptake in indium-111 leukocyte imaging: clinical significance in patients with suspected occult infections, Cook PS; Datz FL; Disbro MA; Alazaki NP; Taylor AT, 150: 557, 1984  
uptake of Tc-99m MAA by the liver during a thromboscintigram/lung scan (ab), Marcus CS; Parker LS; Rose JC; et al, 150: 302, 1984
- Lung neoplasms**  
carcinoma of the lung complicating lipoid pneumonia, Felson B; Ralaisomay G, (AJR), 141: 901, 1983  
germ cell tumors complicated by pneumothorax (ab), Slasky BS; Deutsch M, 150: 853, 1984
- Lung neoplasms, biopsy**  
computed-tomographic-guided biopsy of small apical and peripheral upper-lobe lung masses, Gatenby RA; Mulhern CB Jr; Broder GJ; Moldofsky PJ, 150: 591, 1984
- Lung neoplasms, computed-tomographic diagnosis**  
calcified adenocarcinoma of the lung with very high CT numbers, Goldstein MS; Rush M; Johnson P; Sprung CL, 150: 785, 1984
- Lung neoplasms, diagnosis**  
bronchioloalveolar carcinoma: a review, Hill CA, 150: 15, 1984
- Lupus erythematosus**  
orbital inflammation, myositis, and systemic lupus erythematosus (ab), Grimson BS; Simons KB, 150: 863, 1984
- Lymphatic system**  
intramammary lymph nodes (ab), Egan RL; McSweeney MB, 150: 612, 1984
- Lymphatic system, computed tomography**  
gastrohepatic ligament: normal and pathologic CT anatomy, Balfie DM; Mauro MA; Koehler RE; Lee JKT; Weyman PJ; Picus D; Peterson RR, 150: 485, 1984
- Lymphatic system, diseases**  
generalized lymphadenopathy in homosexual men (ab), Metroka CE; Cunningham-Rundles S; Pollack MS; et al, 150: 857, 1984
- Lymphatic system, hyperplasia**  
Kaposi sarcoma and lymphadenopathy syndrome: limitations of abdominal CT in acquired immunodeficiency syndrome, Moon KL Jr; Federle MP; Abrams DI; Volberding P; Lewis BJ, 150: 479, 1984
- Lymph nodes**  
See Lymphatic system
- Lymphoma**  
CT of abdominal lymphoma after renal transplantation, Frick MP; Salomonowitz E; Hanto DW; et al, (AJR), 142: 97, 1984  
endobronchial non-Hodgkin's lymphoma (ab), Kilgore TL; Chasen MH, 150: 853, 1984  
unusual presentation of mediastinal Hodgkin's lymphoma on computed tomography (ab), Wycoff D; Raval B, 150: 614, 1984
- Lymphoma, therapeutic radiology**  
extranodal non-Hodgkin's lymphoma in the head and neck: irradiation and clinical course (ab), Horiuchi J; Okuyama T; Matsubara S; et al, 150: 871, 1984  
mechanism of total body irradiation in lymphoma (ab), Rees GJG, 150: 872, 1984

## M

## Magnetic resonance

- anatomy and metabolism of the normal human brain studied by magnetic resonance at 1.5 Tesla, Bottomley PA; Hart HR Jr; Edelstein WA; Schenck JF; Smith LS; Leue WM; Mueller OM; Redington RW, 150: 441, 1984  
magnetic resonance without nuclear (opin), Meaney TF, 150: 277, 1984  
nuclear magnetic resonance imaging-present status (ab), Margulis AR, 150: 864, 1984  
nuclear magnetic resonance of iron and copper disease states, Runge VM; Clanton JA; Smith FW; et al, (AJR), 141: 943, 1983  
nuclear magnetic resonance: principles of blood flow imaging, Mills CM; Brant-Zawadzki M; Crooks LE; et al, (AJR), 142: 165, 1984  
signal, noise, and contrast in nuclear magnetic resonance (NMR) imaging (ab), Edelstein WA; Bottomley PA; Hart HR; et al, 150: 864, 1984
- Magnetic resonance, chemical shift**  
anatomy and metabolism of the normal human brain studied by magnetic resonance at 1.5 Tesla, Bottomley PA; Hart HR Jr; Edelstein WA; Schenck JF; Smith LS; Leue WM; Mueller OM; Redington RW, 150: 441, 1984
- Magnetic resonance, comparative studies**  
chronic subdural hematoma demonstration by magnetic resonance, Sipponen JT; Sepponen RE; Sivula A, 150: 79, 1984  
head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS; Kaufman B; Alifidi RJ; Yeung HN; Benson JE; Haaga JR; El Youssef SJ; Clappitt ME; Bonstelle CT; Huss R, 150: 71, 1984

## Magnetic resonance, comparative studies

- osteomyelitis in children: detection by magnetic resonance, Fletcher BD; Scoles PV; Nelson AD, 150: 57, 1984
- primary intracranial tumor imaging: a comparison of magnetic resonance and CT, Brant-Zawadzki M; Badami JP; Mills CM; Norman D; Newton TH, 150: 435, 1984
- Magnetic resonance, contrast enhancement**  
brain nuclear magnetic resonance imaging enhanced by a paramagnetic nitroxide contrast agent: preliminary report, Brasch RC; Nitecki DE; Brant-Zawadzki M; et al, (AJR), 141: 1019, 1983
- paramagnetic agents for contrast-enhanced NMR imaging: a review, Runge VM; Clanton JA; Lukehart CM; et al, (AJR), 141: 1209, 1983
- Magnetic resonance, in infants and children**  
clinical NMR imaging of the brain in children: normal and neurologic disease, Johnson MA; Pennock JM; Bydder GM; et al, (AJR), 141: 1005, 1983
- magnetic resonance imaging of the thorax in childhood, Brasch RC; Gooding CA; Lallemand DP; Wesbey GE, 150: 463, 1984
- Magnetic resonance, technology**  
cardiac imaging using gated magnetic resonance, Lanzer P; Botvinick EH; Schiller NB; Crooks LE; Arakawa M; Kaufman L; Davis PL; Herfkens R; Lipton MJ; Higgins CB, 150: 121, 1984
- cerebral abnormalities: use of calculated T1 and T2 magnetic resonance images for diagnosis, Mills CM; Crooks LE; Kaufman L; Brant-Zawadzki M, 150: 87, 1984
- cerebral NMR imaging: early results with a 0.12 T resistive system, Zimmerman RA; Bilaniuk LT; Goldberg HI; et al, (AJR), 141: 1187, 1983
- high-resolution magnetic resonance imaging: technical concepts and their implementation, Crooks LE; Hoenninger J; Arakawa M; Watts J; McCarten B; Sheldon P; Kaufman L; Mills CM; Davis PL; Margulis AR, 150: 163, 1984
- NMR imaging of the abdomen: technical considerations, Buonocore E; Borkowski GP; Pavlicek W; et al, (AJR), 141: 1171, 1983
- nuclear magnetic resonance imaging: contrast-to-noise ratio as a function of strength of magnetic field, Hart HR Jr; Bottomley PA; Edelstein WA; et al, (AJR), 141: 1195, 1983
- nuclear magnetic resonance (NMR) tomography of the central nervous system: comparison of two imaging sequences (ab), Huk W; Heindel W; Deimling M; et al, 150: 864, 1984
- signal, noise, and contrast in nuclear magnetic resonance (NMR) imaging (ab), Edelstein WA; Bottomley PA; Hart HR; et al, 150: 864, 1984
- Magnetic resonance studies, in infants and children**  
magnetic resonance imaging of transfusional hemosiderosis complicating thalassemia major, Brasch RC; Wesbey GE; Gooding CA; Koerper MA, 150: 78, 1984
- Magnification**  
subselective magnification angiography of experimental pneumonia (ab), Bookstein JJ; Alazraki NP; Jassy LN, 150: 301, 1984
- Meconium**  
radiographic diagnosis of meconium peritonitis: a report of 200 cases including six fetal cases (ab), Fan EY; Chen LY; Yang JZ; et al, 150: 859, 1984
- Mediastinum, computed tomography**  
CT of primary germ-cell tumors of the mediastinum, Levitt RG; Husband JE; Glazer HS, (AJR), 142: 73, 1984
- unusual presentation of mediastinal Hodgkin's lymphoma on computed tomography (ab), Wycoco D; Kaval B, 150: 614, 1984
- Mediastinum, magnetic resonance studies**  
nuclear magnetic resonance imaging of the mediastinum and hili: early impressions of its efficacy, Cohen AM; Creviston S; LiPuma JP; et al, (AJR), 141: 1163, 1983
- Mediastinum, neoplasms**  
CT of primary germ-cell tumors of the mediastinum, Levitt RG; Husband JE; Glazer HS, (AJR), 142: 73, 1984
- Medulla oblongata, neoplasms**  
magnetic resonance imaging in the evaluation of the brainstem, Han JS; Bonstelle CT; Kaufman P; Benson JE; Alfidi RJ; Clamptt M; Van Dyke C; Huss RG, 150: 705, 1984

- Medulloblastoma**  
intracranial calcification in survivors of childhood medulloblastoma (ab), Pearson ADJ; Campbell AN; McAllister VL; et al, 150: 613, 1984
- Megacolon**  
See Colon, dilatation
- Meninges, hemorrhage**  
chronic subdural hematoma demonstration by magnetic resonance, Sipponen JT; Sepponen RE; Sivula A, 150: 79, 1984
- head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Youssef SJ; Clamptt ME; Bonstelle CT; Huss R, 150: 71, 1984
- Meninges, neoplasms**  
dural lucent line: characteristic sign of hyperostosing meningioma en plaque, Kim KS; Rogers LF; Lee C, (AJR), 141: 1217, 1983
- magnetic resonance imaging of brain tumors: measurement of T1, Araki T; Inouye T; Suzuki H; Machida T; Iio M, 150: 95, 1984
- medulloblastomas and retinoblastomas: CT images of intracranial meningeal metastases (ab), Picard L; Almeras M; Delgoffe C; et al, 150: 861, 1984
- optic nerve/sheath enlargement: a differential approach based on high-resolution CT morphology, Rothfus WE; Curtin HD; Slavovits IL; Kennerdell JS, 150: 409, 1984
- Meningioma**  
See Meninges, neoplasms
- Meningitis**  
radiologic evaluation of E. coli meningitis after a ventriculoperitoneal shunt, Levine MS, (AJNR), 4: 1247, 1983
- Metrizamide**  
bowel perforation in the newborn: diagnosis with metrizamide, Cohen MD; Weber TR; Grosfeld JL, 150: 65, 1984
- comparison of iopamidol with metrizamide in sub-occipital ventriculography/cisternography (ab), Macpherson P; Teasdale E, 150: 292, 1984
- pediatric urography: comparison of metrizamide and methylglucamine diatrizoate, Robey G; Reilly BJ; Carusi PA; Nguyen KB, 150: 61, 1984
- Metrizamide, complications**  
radiculography: is routine bed rest really necessary? (ab), Macpherson P; Teasdale E; Macpherson PY, 150: 293, 1984
- Mitral valve, prolapse**  
mitral valve prolapse and systolic anterior motion: a dynamic spectrum (ab), Kessler KM; Anzola E; Sequeira R; et al, 150: 615, 1984
- prevalence of ruptured chordae tendineae in the mitral valve prolapse syndrome (ab), Grenadier E; Alpan G; Keidar S; et al, 150: 615, 1984
- Mouth, cysts**  
dermoid cyst of the floor of the mouth: CT appearance, Hunter TB; Paplanus SH; Chernin MM; et al, (AJR), 141: 1239, 1983
- Mouth, neoplasms**  
carcinoma of the floor of the mouth (ab), Fitzpatrick PJ; Tepperman BS, 150: 864, 1984
- Mouth, therapeutic radiology**  
carcinoma of the floor of the mouth (ab), Fitzpatrick PJ; Tepperman BS, 150: 864, 1984
- Muscles, computed tomography**  
bone-forming gastric metastases in muscle—computed tomographic demonstration (ab), Obley DL; Slasky BS; Peel RL; et al, 150: 866, 1984
- complex musculoskeletal anatomy: analysis using three dimensional surface reconstruction, Totty WG; Vannier MW, 150: 173, 1984
- Muscles, paraspinal**  
fatty replacement of lower paraspinal muscles: normal and neuromuscular disorders, Hadar H; Gadot N; Heifetz M, (AJR), 141: 895, 1983
- Myasthenia gravis**  
radiologic evaluation of the mediastinum in myasthenia gravis (ab), Janssen RS; Kaye AD; Lisak RP; et al, 150: 853, 1984
- Myelography, contrast media**  
neurotoxicity of nonionic iodinated water-soluble contrast media in myelography: experimental study, Caille J-M; Gioux M; Arne P; et al, (AJNR), 4: 1185, 1983

- Myelography, technology**  
improved head support for prone myelographic and CT examinations, Osborne D, (AJR), 141: 1025, 1983
- Myocardium, infarction**  
coronary artery spasm causing myocardial infarction (ab), Moses HW; Taylor GJ; Asali Z; et al, 150: 287, 1984
- in vivo estimation of myocardial infarct size and left ventricular function by prospectively gated computerized transmission tomography (ab), Slutsky RA; Mattrey RF; Long SA; et al, 150: 614, 1984
- Myocardium, ultrasound studies**  
myocardial texture characterization by two-dimensional echocardiography (ab), Bhandari AK; Nanda NC, 150: 297, 1984
- Myositis**  
orbital inflammation, myositis, and systemic lupus erythematosus (ab), Grimson BS; Simons KB, 150: 863, 1984
- Myositis ossificans**  
myositis ossificans and the three-phase bone scan, Drane WE, (AJR), 142: 179, 1984
- Myxoma**  
unusual variant in tumor vascularity associated with left atrial myxoma, Rasmussen KK; Peebles TC; Nellen JR, (AJR), 141: 927, 1983

## N

- Neck**  
computed tomography of the carotid space and related cervical spaces. part I: anatomy, Silver AJ; Mawad ME; Hilal SK; Sane P; Ganti SR, 150: 723, 1984
- Neck, computed tomography**  
computed tomography of the carotid space and related cervical spaces. part I: anatomy, Silver AJ; Mawad ME; Hilal SK; Sane P; Ganti SR, 150: 723, 1984
- computed tomography of the carotid space and related cervical spaces. part II, neurogenic tumors, Silver AJ; Mawad ME; Hilal SK; Ascherl GF Jr; Chynn KY; Baredes S, 150: 729, 1984
- high-dose computed tomography in the evaluation of low attenuation lesions in the neck (ab), Rauschkolb EN; Keen SJ; Patel S, 150: 865, 1984
- Neck, magnetic resonance studies**  
magnetic resonance imaging of the neck. part I: pathologic findings, Stark DD; Moss AA; Gamsu G; Clark OH; Gooding GAW; Webb WR, 150: 455, 1984
- magnetic resonance imaging of the neck. part I: normal anatomy, Stark DD; Moss AA; Gamsu G; Clark OH; Gooding GAW; Webb WR, 150: 447, 1984
- Neck, neoplasms**  
computed tomography of the carotid space and related cervical spaces. part II, neur. genic tumors, Silver AJ; Mawad ME; Hilal SK; Ascherl GF Jr; Chynn KY; Baredes S, 150: 729, 1984
- high-dose computed tomography in the evaluation of low attenuation lesions in the neck (ab), Rauschkolb EN; Keen SJ; Patel S, 150: 865, 1984
- Neck, therapeutic radiology**  
hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck (ab), Saman NA; Vieto R; Schultz PN; et al, 150: 294, 1984
- Neoplasms, blood supply**  
radiation-induced changes in regional blood flow in human tumors (ab), Mantyla MJ; Toivanen JT; Piikainen MA; et al, 150: 303, 1984
- Neoplasms, in infants and children**  
transient focal liver scan defects in children receiving chemotherapy. work in progress, Abramson SJ; Barash FS; Seldin DW; Berdon WE, 150: 701, 1984
- Neoplasms, magnetic resonance studies**  
cerebral abnormalities: use of calculated T1 and T2 magnetic resonance images for diagnosis, Mills CM; Crooks LE; Kaufman L; Brant-Zawadzki M, 150: 87, 1984
- Neoplasms, metastases**  
needle biopsy and metastasis. investigation in rats (ab), Muhlberger G; Gottschalk A; Gericke D, 150: 288, 1984

**Neoplasms, staging**

computed tomography for staging esophageal and gastroesophageal cancer: reevaluation, Thompson WM; Halvorsen RA; Foster WL Jr; et al. (AJR), 141: 951, 1983

**Nerves, acoustic**

gas-CT cisternography for detection of small acoustic nerve tumors, Solti-Bohman LG; Magaram DL; Lo WWM; Wade CT; Witten RM; Shimizu FH; McMonigle EM; Rao AKR, 150: 403, 1984

**Nerves, cranial**

jugular foramen: anatomic and computed tomographic study, Daniels DL; Williams AL; Houghton VM, (AJR), 142: 153, 1984

**Nerves, optic**

optic nerve/sheath enlargement: a differential approach based on high-resolution CT morphology, Rothfus WE; Curtin HD; Slamowitz TL; Kennerdell JS, 150: 409, 1984

**Nervous system, computed tomography**

CT appearance of thickened nerves in neurofibromatosis, Daneman A; Mancor K; Sonley M, (AJR), 141: 899, 1983  
early CT findings of global central nervous system hypoperfusion, Kjos BO; Brant-Zawadzki M; Young RG, (AJR), 141: 1227, 1983

**Nervous system, dysfunction**

progressive optic neuropathy and sensorineural hearing loss due to chronic glue sniffing (ab), Ehyai A; Freeman FR, 150: 291, 1984

**Neuroblastoma**

recurrent neuroblastoma: determining the frequency of follow-up examinations (L), Dwyer AJ; Doppman JL, 150: 607, 1984  
recurrent neuroblastoma: determining the frequency of follow-up examinations. reply (L), Stark DD; Heilbron D; Moss AA, 150: 607, 1984

**Neurofibroma**

See Neuroma

**Neurofibromatosis**

CT appearance of thickened nerves in neurofibromatosis, Daneman A; Mancor K; Sonley M, (AJR), 141: 899, 1983  
gastrointestinal manifestations of neurofibromatosis in children: a report of two cases (ab), Hassell P, 150: 859, 1984  
posterior circulation intracranial arterial occlusive disease in neurofibromatosis, Gebarski SS; Gabrielsen TO; Knake JE; et al. (AJNR), 4: 1245, 1983

**Neuroma**

pathology of jugular foramen neurofibroma (ab), Gacek RR, 150: 294, 1984

**Normal variant**

single photon emission computed tomograms of the liver: normal vascular intrahepatic structures, Pettigrew RI; Witzum KF; Perkins GC; Johnson ML; Burks RN; Verba JW; Halpern SE, 150: 219, 1984

**Nose, neoplasms**

lymphoma of the nose and paranasal sinuses (ab), Wilder WH; Harner SG; Banks PM, 150: 863, 1984  
mucin impaction tumor of the paranasal sinuses: a new clinical entity? (ab), Wenig BL; Sciubba JJ; Zielinski BZ; et al, 150: 863, 1984  
nasal polyposis with invasion into the orbit (ab), Arab M; Friedman M; Weingarten J, 150: 293, 1984

**Nuclear magnetic resonance**

See Magnetic resonance

**O****Obesity**

Mason's vertical banded gastroplasty for morbid obesity: surgical procedure and radiographic evaluation, Agha FP; Eckhauser FE; Strodel WE; Fanders BL; Knol JA, 150: 825, 1984  
radiology of gastric reduction surgery for obesity (ab), Cope JR; Moseley HS; Haynie CC; et al, 150: 287, 1984

**Obituary**

Buschke, Franz J., 150: 610, 1984  
Connelly, Marie L., 150: 847, 1984  
Earl, David Miner, 150: 847, 1984

Fuller, L. G. Anthony, 150: 849, 1984

Maier, John G., 150: 609, 1984  
Mills, LeRoy Kenneth, 150: 848, 1984  
Rappoport, Michael S., 150: 848, 1984  
Suchman, James F., 150: 609, 1984  
Syachy, Perfecto R., 150: 849, 1984  
Wyman, Alvin C., 150: 610, 1984

**Obstetrics, ultrasound studies**

ultrasound of the acutely ill obstetric and gynecology patient, Chinn DH; Callen PW, (RCNA), 21: 585, 1983

**Occipital bone**

pneumatization of the occipital bone as a cause of radiolucent skull lesions, Lo WWM; Zapanta E, (AJNR), 4: 1249, 1983

**Omentum**

lesser sac and gastrohepatic recess: sonographic appearance and differentiation of fluid collections, Vincent LM; Mauro MA; Mittelstaedt CA, 150: 515, 1984  
ultrasound anatomical study of the lesser omental sac: a pictorial essay (ab), Weill FS; Perriguet G; Belloir A; et al, 150: 868, 1984

**Oncocytoma**

multiple oncocytomas and renal carcinoma, Velasquez G; Glass TA; D'Souza VJ; et al, (AJR), 142: 123, 1984

**Opinions**

Barrett esophagus, Margulis AR; Shapiro HA, 150: 602, 1984  
magnetic resonance without nuclear, Meaney TF, 150: 277, 1984  
oncologic diagnostic radiology: a model for implementation, Meyer JE; Taveras JM; Stomper PC, 150: 271, 1984  
oncologic diagnostic radiology: the question of need, Evens RG, 150: 273, 1984  
radiologic approach to paragangliomas of the temporal bone, Curtin HD, 150: 837, 1984  
radiologist's role in the management of chondrosarcoma, Lodwick GS, 150: 275, 1984  
thoughts on the diagnosis of bone tumors, Freiburger R, 150: 276, 1984

**Orbit, abscess**

subperiosteal abscess of the orbit (ab), Harris GJ, 150: 862, 1984

**Orbit, computed tomography**

computed tomography in penetrating wounds of the orbit with retained foreign bodies (ab), Weisman RA; Savino PJ; Schut L; et al, 150: 293, 1984  
computed tomography of ocular colobomas, Simmons JD; LaMasters D; Char D, (AJR), 141: 1223, 1983  
orbital apex fractures: the contribution of computed tomography, Unger JM, 150: 713, 1984  
orbital histiocytosis on computed tomography (ab), Banna M; Olutola PS, 150: 865, 1984

**Orbit, cysts**

computed tomography of ocular colobomas, Simmons JD; LaMasters D; Char D, (AJR), 141: 1223, 1983

**Orbit, fractures**

orbital apex fractures: the contribution of computed tomography, Unger JM, 150: 713, 1984

**Orbit, inflammation**

orbital inflammation, myositis, and systemic lupus erythematosus (ab), Grimson BS; Simons KB, 150: 863, 1984

**Orbit, injuries**

computed tomography in penetrating wounds of the orbit with retained foreign bodies (ab), Weisman RA; Savino PJ; Schut L; et al, 150: 293, 1984

**Orbit, magnetic resonance studies**

magnetic resonance imaging of the orbit: a preliminary experience, Han JS; Benson JE; Bonstelle CT; Alfidi RJ; Kaufman B; Levine M, 150: 755, 1984

**Orbit, neoplasms**

choroidal folds and refractive errors associated with orbital tumors (ab), Friberg TR; Grove AS Jr, 150: 863, 1984  
computed tomography of ocular colobomas, Simmons JD; LaMasters D; Char D, (AJR), 141: 1223, 1983  
magnetic resonance imaging of the orbit: a preliminary experience, Han JS; Benson JE; Bonstelle CT; Alfidi RJ; Kaufman B; Levine M, 150: 755, 1984  
nasal polyposis with invasion into the orbit (ab), Arab M; Friedman M; Weingarten J, 150: 293, 1984

**Orchitis**

diagnosis of acute testicular torsion using radionuclide scanning (ab), Levy OM; Gittelman MC; Strashun AM; et al, 150: 870, 1984

**Osteomyelitis**

CT of osteomyelitis of the spine, Golimbu C; Firooznia H; Rafii M, (AJR), 142: 159, 1984  
osteomyelitis in children: detection by magnetic resonance, Fletcher BD; Scoles PV; Nelson AD, 150: 57, 1984

**Osteosarcoma**

radiologic evaluation of osteosarcoma (ab), Azouz EM; Esseltine DW; Chevalier L; et al, 150: 856, 1984

**Otitis**

malignant external otitis: early scintigraphic detection, Strashun AM; Nejatheid M; Goldsmith SJ, 150: 541, 1984

**Otitis media**

subclavian vein thrombosis secondary to chronic otitis media (ab), Surkin MI; Green RP; Kessler SM; et al, 150: 862, 1984

**Ovary, abnormalities**

fetal ovarian cysts: sonographic detection and association with hypothyroidism, Jafri SZH; Bree RL; Silver TM; Ouimette M, 150: 809, 1984

**Ovary, cysts**

fetal ovarian cysts: sonographic detection and association with hypothyroidism, Jafri SZH; Bree RL; Silver TM; Ouimette M, 150: 809, 1984  
multicystic ovaries in primary hypothyroidism (ab), Lindsay AN; Voorhes ML; MacGillivray MH, 150: 613, 1984  
polycystic ovarian disease: sonographic spectrum, Hann LE; Hall DA; McArdle CR; Seibel M, 150: 531, 1984

**Ovary, diseases**

polycystic ovarian disease: sonographic spectrum, Hann LE; Hall DA; McArdle CR; Seibel M, 150: 531, 1984

**Ovary, neoplasms**

sonography of ovarian tumors: predictability of tumor type, Moyle JW; Rochester D; Sider L; et al, (AJR), 141: 985, 1983

**Ovary, therapeutic radiology**

long-term follow-up and prognostic factors in ovarian carcinoma (ab), Bjorkholm E; Pettersson F; Einhorn N; et al, 150: 871, 1984

**Ovary, ultrasound studies**

polycystic ovarian disease: sonographic spectrum, Hann LE; Hall DA; McArdle CR; Seibel M, 150: 531, 1984  
sonography of ovarian tumors: predictability of tumor type, Moyle JW; Rochester D; Sider L; et al, (AJR), 141: 985, 1983

**P****Pancreas, abnormalities**

torsion of wandering spleen and distal pancreas, Sheflin JR; Lee CM; Kretschmar KA, (AJR), 142: 100, 1984

**Pancreas, abscess**

role of percutaneous aspiration in the diagnosis of pancreatic abscess, Hill MC; Dach JL; Barkin J; et al, (AJR), 141: 1035, 1983

**Pancreas, angiography**

solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, Balthazar EJ; Subramanyam BR; Lefleur RS; Barone CM, 150: 39, 1984

**Pancreas, computed tomography**

acute pancreatitis and its complications: computed tomography and sonography, Lawson TL, (RCNA), 21: 495, 1983  
CT of pancreatic islet cell tumors, Stark DD; Moss AA; Goldberg HI; Deveney CW, 150: 491, 1984  
magnetic resonance and CT of the normal and diseased pancreas: a comparative study, Stark DD; Moss AA; Goldberg HI; Davis PL; Federle MP, 150: 153, 1984  
pancreas imaging by computed tomography after endoscopic retrograde pancreatography, Frick MP; O'Leary JF; Salomonowitz E; Stoltenberg P; Hutton S; Gledausas E, 150: 191, 1984  
solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, Balthazar EJ; Subramanyam BR; Lefleur RS; Barone CM, 150: 39, 1984

**Pancreas, cysts**

hemorrhagic pancreatic fluid collections examined by ultrasound, Hashimoto BE; Laing FC; Jeffrey RB Jr; Federle MP, 150: 803, 1984



## Pancreas, diseases

### Pancreas, diseases

pancreas imaging by computed tomography after endoscopic retrograde pancreatography, Frick MP; O'Leary JF; Salomonowitz E; Stoltenberg P; Hutton S; Gedgaudas E, 150: 191, 1984

sonographic examination of gallbladder kinetics in childhood—a comparison between healthy children and mucoviscidosis patients (ab), Klingmuller V; Abiodun P; Baumgarten K, 150: 290, 1984

### Pancreas, hemorrhage

hemorrhagic pancreatic fluid collections examined by ultrasound, Hashimoto BE; Laing FC; Jeffrey RB Jr; Federle MP, 150: 803, 1984

pancreatic and peripancreatic vessels: embolization for control of bleeding in pancreatitis, Vujic I; Andersen BL; Stanley JH; Gobien RP, 150: 51, 1984

### Pancreas, magnetic resonance studies

magnetic resonance and CT of the normal and diseased pancreas: a comparative study, Stark DD; Moss AA; Goldberg HI; Davis PL; Federle MP, 150: 153, 1984

### Pancreas, neoplasms

CT of pancreatic islet cell tumors, Stark DD; Moss AA; Goldberg HI; Deveney CW, 150: 491, 1984

inflammatory pancreatic masses: problems in differentiating focal pancreatitis from carcinoma, Neff CC; Simeone JF; Wittenberg J; Mueller PR; Ferrucci JT Jr, 150: 35, 1984

malignant insulinoma: the problems of tumour localization and management (ab), Svensson LG; Wellsted M, 150: 288, 1984

nature and course of cystic pancreatic lesions diagnosed by ultrasound (ab), Aranha GV; Prinz RA; Esguerra AC; et al, 150: 301, 1984

pancreas imaging by computed tomography after endoscopic retrograde pancreatography, Frick MP; O'Leary JF; Salomonowitz E; Stoltenberg P; Hutton S; Gedgaudas E, 150: 191, 1984

solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, Balhazar EJ; Subramanyam BR; Lefleur RS; Barone CM, 150: 39, 1984

sonographically guided and surgical alcohol injection of the coeliac ganglion for intractable upper abdominal pain through malignomas (ab), Greiner L; Ulatowski L; Prohm P, 150: 298, 1984

### Pancreas, radiography

inflammatory pancreatic masses: problems in differentiating focal pancreatitis from carcinoma, Neff CC; Simeone JF; Wittenberg J; Mueller PR; Ferrucci JT Jr, 150: 35, 1984

### Pancreas, ultrasound studies

acute pancreatitis and its complications: computed tomography and sonography, Lawson TL (RCNA), 21: 495, 1983

importance of sonographic follow-up in acute pancreatitis (ab), Scholmerich J; Volk BA; Grunholz J; et al, 150: 301, 1984

nature and course of cystic pancreatic lesions diagnosed by ultrasound (ab), Aranha GV; Prinz RA; Esguerra AC; et al, 150: 301, 1984

solid and papillary epithelial neoplasm of the pancreas: radiographic, CT, sonographic, and angiographic features, Balhazar EJ; Subramanyam BR; Lefleur RS; Barone CM, 150: 39, 1984

### Pancreatitis

acute pancreatitis and its complications: computed tomography and sonography, Lawson TL (RCNA), 21: 495, 1983

acute pancreatitis in obstructive jaundice following combined internal and external percutaneous transhepatic duct drainage (PTBD) (ab), Luska G; Poser H, 150: 857, 1984

chronic relapsing pancreatitis in childhood (ab), Ghishan FK; Greene HL; Avant G; et al, 150: 290, 1984

haematoma in the transverse mesocolon secondary to acute pancreatitis (ab), Epstein BM; Tanne D, 150: 296, 1984

hemorrhagic pancreatic fluid collections examined by ultrasound, Hashimoto BE; Laing FC; Jeffrey RB Jr; Federle MP, 150: 803, 1984

importance of sonographic follow-up in acute pancreatitis (ab), Scholmerich J; Volk BA; Grunholz J; et al, 150: 301, 1984

inflammatory pancreatic masses: problems in differentiating focal pancreatitis from carcinoma, Neff CC; Simeone JF; Wittenberg J; Mueller PR; Ferrucci JT Jr, 150: 35, 1984

pancreatic and peripancreatic vessels: embolization for control of bleeding in pancreatitis, Vujic I; Andersen BL; Stanley JH; Gobien RP, 150: 51, 1984

### Paraganglioma

computed tomography of the carotid space and related cervical spaces, part II. neurogenic tumors, Silver AJ; Mawad ME; Hilal SK; Ascherl GF Jr; Chynn KY; Baredes S, 150: 729, 1984

high-resolution CT in the evaluation of glomus tumors of the temporal bone, Lo WWM; Solti-Bohman LG; Lambert PR, 150: 737, 1984

### Paralysis

chronic isolated abducens paresis from tumors at the base of the brain (ab), Currie J; Lubin JH; Lessell S, 150: 292, 1984

### Paranasal sinuses, neoplasms

lymphoma of the nose and paranasal sinuses (ab), Wilder WH; Harner SG; Banks PM, 150: 863, 1984

mucin impaction tumor of the paranasal sinuses: a new clinical entity? (ab), Wenig BL; Sciubba JJ; Zielinski BZ; et al, 150: 863, 1984

### Parasites

bolus obstruction by *Ascaris lumbricoides* (ab), Wynne JM; Ellman BAH, 150: 288, 1984

### Parathyroid, computed tomography

hyperfunctioning cystic parathyroid glands: CT and sonographic findings, Krudy AG; Doppman JL; Shawker TH; et al, (AJR), 142: 175, 1984

### Parathyroid, neoplasms

location of parathyroid adenomas by thallium-201 and technetium-99m subtraction scanning (ab), Young AE; Gaunt JJ; Croft DN; et al, 150: 302, 1984

### Parathyroid, radionuclide studies

location of parathyroid adenomas by thallium-201 and technetium-99m subtraction scanning (ab), Young AE; Gaunt JJ; Croft DN; et al, 150: 302, 1984

### Parathyroid, ultrasound studies

hyperfunctioning cystic parathyroid glands: CT and sonographic findings, Krudy AG; Doppman JL; Shawker TH; et al, (AJR), 142: 175, 1984

### Paresis

See Paralysis

### Peliosis hepatis

peliosis hepatis: diagnosis by magnification wedged hepatic venography, Lyon J; Bookstein JF; Cartwright CA; Romano A; Heeney DJ, 150: 647, 1984

### Pelvis, anatomy

anatomy and pathology of the male pelvis by magnetic resonance imaging, Hricak H; Williams RD; Spring DB; et al, (AJR), 141: 1101, 1983

### Pelvis, computed tomography

CT of acetabular fractures: postoperative appearances, Mack LA; Duesdieker GA; Harley JD; et al, (AJR), 141: 891, 1983

pelvis after surgery for rectal carcinoma: serial CT observations with emphasis on nonneoplastic features, Kelvin FM; Korobkin M; Heaston DK; et al, (AJR), 141: 959, 1983

### Pelvis, cysts

peripelvic cysts: an imposter of sonographic hydronephrosis (ab), Cronan JJ; Amis ES Jr; Yoder IC; et al, 150: 301, 1984

### Pelvis, magnetic resonance studies

anatomy and pathology of the male pelvis by magnetic resonance imaging, Hricak H; Williams RD; Spring DB; et al, (AJR), 141: 1101, 1983

magnetic resonance imaging of the female pelvis: initial experience, Hricak H; Alpers C; Crooks LE; et al, (AJR), 141: 1119, 1983

NMR scanning of the pelvis: initial experience with a 0.3 T system, Bryan PJ; Butler HE; LiPuma JP; et al, (AJR), 141: 1111, 1983

### Pelvis, neoplasms

ultrasound-directed transvaginal aspiration biopsy of pelvic masses (ab), Graham D; Sanders RC, 150: 299, 1984

### Pelvis, ultrasound studies

peripelvic cysts: an imposter of sonographic hydronephrosis (ab), Cronan JJ; Amis ES Jr; Yoder IC; et al, 150: 301, 1984

### Pericarditis

magnetic resonance imaging of the pericardium: normal and pathologic findings, Stark DD; Higgins CB; Lanzer P; Lipton MJ; Schiller N; Crooks LE; Botvinick EB; Kaufman L, 150: 469, 1984

### Pericardium, cysts

magnetic resonance imaging of the pericardium: normal and pathologic findings, Stark DD; Higgins CB; Lanzer P; Lipton MJ; Schiller N; Crooks LE; Botvinick EB; Kaufman L, 150: 469, 1984

### Pericardium, fluid

echocardiographic demonstration of pericardial fluid adjacent to the right atrial wall (ab), Challenger JG; Winsberg F, 150: 615, 1984

magnetic resonance imaging of the pericardium: normal and pathologic findings, Stark DD; Higgins CB; Lanzer P; Lipton MJ; Schiller N; Crooks LE; Botvinick EB; Kaufman L, 150: 469, 1984

### Pericardium, neoplasms

magnetic resonance imaging of the pericardium: normal and pathologic findings, Stark DD; Higgins CB; Lanzer P; Lipton MJ; Schiller N; Crooks LE; Botvinick EB; Kaufman L, 150: 469, 1984

### Peritoneum, computed tomography

gastrohepatic ligament: normal and pathologic CT anatomy, Balfe DM; Mauro MA; Koehler RE; Lee JKT; Weyman PJ; Picus D; Peterson RR, 150: 485, 1984

### Peritoneum, ultrasound studies

pneumoperitoneum detected by ultrasound, Nirapathpongporn S; Osatavanichvong K; Udompanich O; Pakanana P, 150: 831, 1984

ultrastructural anatomical study of the lesser omentum: a pictorial essay (ab), Weill FS; Perriguet G; Belloc A; et al, 150: 868, 1984

### Pharmacangiography

catheter-directed low dose streptokinase infusion: a preliminary experience, Risiu B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, 150: 349, 1984

### Photography

simple technique for photographic reproduction of radiographs, Schey WL, (AJR), 141: 1331, 1983

### Photons

electron contamination of large cobalt 60 photon beams (ab), Sutcliffe JF; Innes GS, 150: 303, 1984

### Physics

physical and biologic aspects on the optimum choice of radiation modality (ab), Brahme A, 150: 872, 1984

### Pituitary

hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck (ab), Saman NA; Vieto R; Schultz PN; et al, 150: 294, 1984

### Pituitary, computed tomography

CT characteristics of the normal pituitary gland (ab), Brown SB; Irwin KM; Enzmann DR, 150: 862, 1984

### Pituitary, neoplasms

petrosal sinus sampling for Cushing syndrome: anatomical and technical considerations, Doppman JL; Oldfield E; Krudy AG; Chrousos GP; Schulte HM; Schaaf M; Loriaux DL, 150: 99, 1984

### Placenta, localization

sonographic placental localization in the determination of the site of uterine incision for placenta previa (ab), Boehm FH; Fleischer AC; Barrett JM, 150: 869, 1984

### Plethysmography

radionuclide plethysmography and Tc-99m red blood cell venography in venous thrombosis: comparison with contrast venography, Singer I; Royal HD; Uren RF; Waugh RC; McLaughlin AF; Bautovich GJ; Dyer IA; Fulton RR; Morris JC, 150: 213, 1984

### Pleura, computed tomography

computed tomographic characteristics of pleural empyema (ab), Shin MS; Ho K-J, 150: 295, 1984

### Pleura, fluid

adenosine deaminase in pleural fluids: test for diagnosis of tuberculous pleural effusion (ab), Ocana I; Martinez-Vazquez JM; Segura RM; et al, 150: 853, 1984

- pleural effusion: use of the semi-supine position for radiographic detection, Moller A, 150: 245, 1984
- recognition of pleural effusion on supine radiographs: how much fluid is required?, Woodring JH, (AJR), 142: 59, 1984
- Pleura, radiography**
- pleural effusion: use of the semi-supine position for radiographic detection, Moller A, 150: 245, 1984
- Pneumoconiosis**
- application of ILO classification to a population without industrial exposure: findings to be differentiated from pneumoconiosis, Epstein DM; Miller WT; Bresnitz EA; et al, (AJR), 142: 53, 1984
- human exposure to heavy metals: rare earth pneumoconiosis in occupational workers (ab), Vocaturo G; Colombo F; Zanoni M; et al, 150: 611, 1984
- Pneumonia**
- See Lung, infection
- Pneumonitis**
- pneumonitis after amiodarone therapy, Olson LK; Forrest JV; Friedman PJ; Kiser PE; Henschke CL, 150: 327, 1984
- Pneumoperitoneum**
- bowel perforation in the newborn: diagnosis with metrizamide, Cohen MD; Weber TR; Grosfeld JL, 150: 65, 1984
- pneumoperitoneum detected by ultrasound, Nirapathongporn S; Osatavanichvong K; Udompanich O; Pakanan P, 150: 831, 1984
- Pneumothorax**
- bronchial obstruction: a radiographic sign, Berdon WE; Dee G; Abramson SJ; Altman RP; Wung J-T, 150: 691, 1984
- CT diagnosis of unsuspected pneumothorax after blunt abdominal trauma, Wall SD; Federle MP; Jeffrey RB; et al, (AJR), 141: 919, 1983
- germ cell tumors complicated by pneumothorax (ab), Slasky BS; Deutsch M, 150: 853, 1984
- pneumothorax as a complication of feeding tube placement, Balogh GJ; Adler SJ; VanderWoude J; et al, (AJR), 141: 1275, 1983
- Portal vein, abnormalities**
- hepatic tumors in children: ultrasonic differentiation of malignant from benign lesions, Brunelle F; Chaumont P, 150: 695, 1984
- Portal vein, neoplasms**
- hepatocellular carcinoma with venous invasion, sonographic-angiographic correlation, Subramanyam BK; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, 150: 793, 1984
- Posterior fossa, ultrasound studies**
- real-time ultrasonography of the posterior fossa (ab), Grant EG; Schellinger D; Richardson JD, 150: 289, 1984
- Pregnancy, complications**
- holoprosencephaly in infants of diabetic mothers (ab), Barr M Jr; Hanson JW; Currey K; et al, 150: 289, 1984
- Pregnancy, ectopic**
- diagnosis and treatment of cervical pregnancy (ab), Kuppuswami N; Vindekilde J; Sethi CM; et al, 150: 868, 1984
- direct diagnosis of unruptured ectopic pregnancy by real-time ultrasonography (ab), Gleicher N; Giglia RV; Depped G; et al, 150: 616, 1984
- Pregnancy, irradiation in**
- maternity lead apron, Wittrak BJ; Sprawls P, 150: 597, 1984
- Pregnancy, ultrasound studies**
- diagnosis and treatment of cervical pregnancy (ab), Kuppuswami N; Vindekilde J; Sethi CM; et al, 150: 868, 1984
- direct diagnosis of unruptured ectopic pregnancy by real-time ultrasonography (ab), Gleicher N; Giglia RV; Depped G; et al, 150: 616, 1984
- sonographic placental localization in the determination of the site of uterine incision for placenta previa (ab), Boehm FH; Fleischer AC; Barrett JM, 150: 869, 1984
- subchorionic bleeding in threatened abortion: sonographic findings and significance, Goldstein SR; Subramanyam BK; Raghavendra BN; et al, (AJR), 141: 975, 1983
- ultrasonic demonstration of the amnion (ab), Jeanty P; Renoy P; Van Kerkem J; et al, 150: 300, 1984

- ultrasonographic demonstration of floating particles in amniotic fluid (ab), Parulekar SG, 150: 616, 1984
- Prostaglandin**
- prostaglandin E1 in hand angiography, Levy JM; Joseph RB; Bodell LS; et al, (AJR), 141: 1043, 1983
- Prostate, therapeutic radiology**
- combined external radiotherapy and hormonal therapy for localized carcinoma of the prostate (ab), Mukamel E; Servadio C; Lurie H, 150: 872, 1984
- Prostate, ultrasound studies**
- special device for the objective size measurement of the prostate via transrectal sonography (ab), Pfizenmaier N; Malzacher F, 150: 299, 1984
- transrectal ultrasound tomography by electronic linear scanner (ab), Schuller J; Walther V, 150: 299, 1984
- Pulmonary arteries**
- relation of pulmonary vessel size to transfer factor in subjects with airflow obstruction, Musk AW, (AJR), 141: 915, 1983
- Pulmonary arteries, computed tomography**
- CT identification of bronchopulmonary segments: 50 normal subjects, Osborne D; Vock P; Godwin JD; et al, (AJR), 142: 47, 1984
- Pulmonary veins**
- detection of pulmonary venous flow by pulsed Doppler echocardiography in children (ab), Pickoff AS; Bennett V; Soler P; et al, 150: 858, 1984
- prognostic value of left ventricular size measured by echocardiography in infants with total anomalous pulmonary venous drainage (ab), Lima CO; Valdes-Cruz LM; Allen HD; et al, 150: 858, 1984
- relation of pulmonary vessel size to transfer factor in subjects with airflow obstruction, Musk AW, (AJR), 141: 915, 1983
- review, conventional tomographic hilar anatomy emphasizing the pulmonary veins, Genereux GP, (AJR), 141: 1241, 1983

## Q

- Quality assurance**
- quality assurance of radiation dosage: usefulness of redundancy, Rozenfeld M; Jette D, 150: 241, 1984

## R

- Radiations, exposure to personnel**
- maternity lead apron, Wittrak BJ; Sprawls P, 150: 597, 1984
- Radiations, injurious effects, complications of therapeutic radiology**
- hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck (ab), Saman NA; Vieto R; Schultz PN; et al, 150: 294, 1984
- mucosal bridges of the upper esophagus after radiotherapy for Hodgkin's disease (ab), Papazian A; Capron J-P; Ducroix J-P; et al, 150: 871, 1984
- transient hypothyroidism following radioiodine therapy for thyrotoxicosis (ab), Connell JMC; Hilditch TE; McCrudden DC; et al, 150: 304, 1984
- Radiations, measurement**
- low-level internal radionuclide contamination: use of gamma camera for detection, Nishiyama H; Lukes SJ; Saenger EL, 150: 235, 1984
- quality assurance of radiation dosage: usefulness of redundancy, Rozenfeld M; Jette D, 150: 241, 1984
- Radiobiology, cell and tissue studies**
- effects of diagnostic ultrasonography on the frequencies of sister chromatid exchanges in Chinese hamster cells and human lymphocytes (ab), Wegner R-D; Meyenburg M, 150: 872, 1984
- in vivo fate of At-211 labelled monoclonal antibody with known specificity in a murine system (ab), Vaughan ATM; Bateman WJ; Fisher DR, 150: 304, 1984
- Radiography, digital**
- digital image processing: effect on detectability of simulated low-contrast radiographic patterns, Ishida M; Doi K; Loo L-N; Metz CE; Lehr JL, 150: 569, 1984
- digital radiographic localization for CT scanning of the larynx, Silverman PM; Korobkin M; Rauch RF, (AJR), 141: 1329, 1983
- digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy (ab), Archer CW; Turnipseed WD; Sackett JF; et al, 150: 292, 1984
- digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore D; Modic MT; Meany TF, 150: 323, 1984
- digital subtraction arteriography for spinal arteriovenous malformation, Levy JM; Hessel SJ; Christensen FK; et al, (AJNR), 4: 1217, 1983
- percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, 150: 363, 1984
- percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, 150: 369, 1984
- real-time digital subtraction angiography for therapeutic neuroradiologic procedures, Sherry RG; Anderson RE; Kruger RA; et al, (AJNR), 4: 1171, 1983
- Radiography, in infants and children**
- pediatric chest (bk rev), Felman AH, Reviewed by Cockington RA, 150: 700, 1984
- Radiography, technology**
- backscatter from metal surfaces in diagnostic radiology, Kodera Y; Schmidt RA; Chan H-P; Doi K, 150: 231, 1984
- international symposium: the impact of new imaging technology on health care, research, and teaching: 1. current status, Margulis AR; Abrams HL; MacEwan DW; et al, (AJR), 141: 1335, 1983
- limited value of interlaced ECG-gated radiography in the presence of a normal chest radiograph, Chen JTT; Ravin CE; Handel D, (AJR), 142: 65, 1984
- rotational kymography: technique for automated analysis of cine left ventriculograms, Cragg AH; Lund G; Salomonowitz E; Castaneda-Zuniga WR; Amplatz K, 150: 260, 1984
- textbook of radiographic positioning and related anatomy (bk rev), Sontrager KL; Anthony BT, Reviewed by Sweredoski R, 150: 6, 1984
- Radiological Society of North America**
- Douglas W. MacEwan, M.D. President, Radiological Society of North America, 1984 (edit), Zylak CJ, 150: 269, 1984
- Radiological Society of North America, 69th scientific assembly and annual meeting**
- RSNA '83: gold medalists and honorary members (edit), Lester RG, 150: 839, 1984
- sixty-ninth scientific assembly and annual meeting (edit), Eyer WR, 150: 603, 1984
- Radiology and radiologists**
- oncologic diagnostic radiology: a model for implementation (opin), Meyer JE; Taveras JM; Stomper PC, 150: 271, 1984
- oncologic diagnostic radiology: the question of need (opin), Evens RG, 150: 273, 1984
- radiology management: an introduction (bk rev), Bouchard EA, Reviewed by Roberts JW Jr, 150: 310, 1984
- radiology workload system for diagnostic radiology (ab), MacEwan DW, 150: 857, 1984
- radionuclide thyroid studies: a survey of practice in the United States in 1981, Parker TW; Mettler FA Jr; Christie JH; Williams AG, 150: 547, 1984
- Radiology and radiologists, departmental management**
- computer-assisted radiologic reporting system, Choplin RH; Boehme JM; Cowan RJ; Gelfand DW; Maynard CD; Park WC Jr; Volberg FM; Williams RC, 150: 345, 1984
- Radiology and radiologists, history**
- tribute to Sven-Ivar Seldinger, Doby T, (AJR), 142: 1, 1984
- Radiology reporting systems**
- comprehensive information service for an academic radiology department, Ekstrand NL; Maynard CD; Sprinkle MD, (AJR), 141: 1077, 1983

## Radiology reporting systems

- computer-assisted radiologic reporting system, Choplin RH; Boehme JM; Cowan RJ; Gelfand DW; Maynard CD; Park WC Jr; Volberg FM; Williams RC, 150: 345, 1984
- Radionuclide imaging, comparative studies**  
detection of hepatic metastases: comparison of EOE-13 computed tomography and scintigraphy, Miller DL; Rosenbaum RC; Sugarbaker PH; et al, (AJR), 141: 931, 1983
- Radionuclide imaging, technology**  
exercise renogram, a new approach documents renal involvement in systemic hypertension (ab), Clorius JH; Schmidlin P, 150: 616, 1984  
first-pass radionuclide angiography via pulmonary arterial catheters, a critical analysis of background components, Dymond DS; Grenier RP; Carpenter J; Schmidt DH, 150: 819, 1984
- Radionuclides**  
low-level internal radionuclide contamination: use of gamma camera for detection, Nishiyama H; Lukes SJ; Saenger EL, 150: 235, 1984  
technetium-99m labelled bran: a new agent for measuring gastric emptying (ab), Sagar S; Grime JS; Little W; et al, 150: 302, 1984  
uptake of Tc-99m MAA by the liver during a thromboscintigram/lung scan (ab), Marcus CS; Parker LS; Rose JC; et al, 150: 302, 1984
- Radionuclides, complications**  
anaphylactic reaction to orthiodiodiphenylate (ab), Stockel M; Ennow K; Kristensen K; et al, 150: 617, 1984
- Rectum, neoplasms**  
anorectal giant condyloma acuminatum (Buschke-Leowenstein tumor): CT and radiographic manifestations, Balthazar EJ; Streiter M; Megibow AJ, 150: 651, 1984  
pelvis after surgery for rectal carcinoma: serial CT observations with emphasis on nonneoplastic features, Kelvin FM; Korobkin M; Heaston DK; et al, (AJR), 141: 959, 1983
- Rectum, therapeutic radiology**  
combined irradiation and three-drug chemotherapy in inoperable colorectal carcinoma (ab), Von Der Maase H; Magnusson K; Sveninsson T, 150: 871, 1984  
preoperative irradiation with high-dose fractionation in adenocarcinoma of the rectum and rectosigmoid (ab), Glimelius B; Graffman S; Pahlman L; et al, 150: 871, 1984
- Renal angiography**  
angiographic assessment of renal artery pathology: how reliable?, Scott JA; Rabe FE; Becker GJ; et al, (AJR), 141: 1299, 1983  
percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, 150: 369, 1984  
renal angiography with iohexol and metrizoate, Tornquist C; Holtas S, 150: 331, 1984  
transient reduction in renal function following arteriography: a radionuclide study (ab), Gates GF; Green GS, 150: 870, 1984
- Renal angiography, complications**  
predicting angiography-induced acute renal function impairment: clinical risk model, Cochran ST; Wong WS; Roe DJ, (AJR), 141: 1027, 1983
- Renal arteries, stenosis**  
angiographic assessment of renal artery pathology: how reliable?, Scott JA; Rabe FE; Becker GJ; et al, (AJR), 141: 1299, 1983  
renal angioplasty: current status, Tegtmeyer CJ; Kofler TJ; Ayers CA, (AJR), 142: 17, 1984
- Renal arteries, transluminal angioplasty**  
percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, 150: 369, 1984  
renal angioplasty: current status, Tegtmeyer CJ; Kofler TJ; Ayers CA, (AJR), 142: 17, 1984
- Renal artery, stenosis**  
renal artery stenosis and evaluation of the effect of endoluminal dilatation: comparison of dynamic CT scanning and I-131-OIHA renogram (ab), Probst P; Mahler F; Roesler H; et al, 150: 855, 1984

## Renal veins

- transitional cell carcinoma of the kidney with invasion of the renal vein (ab), Hartmann DS; Pyatt RS; Dailey E, 150: 855, 1984

## Respiratory distress syndrome, adult

- adult respiratory distress syndrome: risk with common predispositions (ab), Fowler AA; Hamman RF; Good JT; et al, 150: 611, 1984

## Retina, neoplasms

- Ewing's tumor following bilateral retinoblastoma, a case report (ab), Schifter S; Vendelbo L; Jensen OM; et al, 150: 858, 1984

## Retroperitoneal space

- lymphatic changes in retroperitoneal lipomatosis (ab), Gass MA; Gould HR; Roggensack GF; et al, 150: 296, 1984

## Retroperitoneal space, computed tomography

- pitfalls in the diagnosis of retroperitoneal adenopathy (ab), Koehler PR; Mancuso AA, 150: 855, 1984

## Retroperitoneal space, fibrosis

- positive gallium scan in retroperitoneum fibrosis, Liebman RM, (AJR), 141: 949, 1983  
retroperitoneal fibrosis after anterior spinal fusion (ab), Chan FL; Chow SP, 150: 288, 1984

## Retroperitoneal space, radionuclide studies

- positive gallium scan in retroperitoneum fibrosis, Liebman RM, (AJR), 141: 949, 1983

## Retroperitoneal space, ultrasound studies

- sonographic study of the juxtarenal retroperitoneal compartments (ab), Weill FS; Perrigee G; Rohmer P, 150: 867, 1984

## Ribs

- rib erosion: late complication of long-standing biliary drainage catheters, Severini A; Bellomi M; Cozzi G; Bellegotti L; Lattuada A, 150: 666, 1984

## S

## Sacroiliac joint

- intraosseous pneumatocysts of the ilium: findings on radiographs and CT scans, Ramirez H Jr; Blatt ES; Cable HF; McComb BL; Zornoza J; Hibri NS, 150: 503, 1984

## Sarcoidosis

- Ga-67 uptake in the lung in sarcoidosis, Johnson DG; Johnson SM; Harris CC; Piantadosi CA; Blinder RA; Coleman RE, 150: 551, 1984

## Sarcoma

- chondrosarcoma: correlation of radiological and histological grade, Rosenthal DI; Schiller AL; Mankin HJ, 150: 21, 1984  
extraosseous osteogenic sarcoma of the breast: mammographic and pathologic findings, Watt AC; Haggard AM; Krasicky GA, 150: 34, 1984

## Schwannoma

- computed tomography of the carotid space and related cervical spaces, part II: neurogenic tumors, Silver AJ; Mawad ME; Hilal SK; Ascherl GF Jr; Chynn KY; Baredes S, 150: 729, 1984

## Scrotum, abnormalities

- sonography of acute scrotal abnormalities, Hricak H; Jeffrey RB, (RCNA), 21: 595, 1983

## Scrotum, ultrasound studies

- new simple procedure for immersion sonography of scrotum in real-time technique (ab), Fischer P; Franken T; Molitor D, 150: 299, 1984  
new sonographic method for investigating the scrotal content via a rotating sound head (ab), Penkert A, 150: 299, 1984  
sonography of acute scrotal abnormalities, Hricak H; Jeffrey RB, (RCNA), 21: 595, 1983

## Seizures

- local cerebral metabolism during partial seizures (ab), Engel J Jr; Kuhl DE; Phelps ME; et al, 150: 291, 1984

## Sella turcica

- erosion and enlargement of the sella turcica: uncommon signs of pulmonary emphysema, Turner RM; Austin JHM; Ellis K; et al, (AJR), 141: 1235, 1983

## Seminal vesicle

- special device for the objective size measurement of the prostate via transrectal sonography (ab), Pfizenmaier N; Malzacher F, 150: 299, 1984  
transrectal ultrasound tomography by electronic linear scanner (ab), Schuller J; Walther V, 150: 299, 1984

## Seminoma

- radiation therapy in bulky seminoma (ab), Green Nathan; Broth E; George FW; et al, 150: 871, 1984

## Sex

- fetal sex determination by ultrasound scan in the second and third trimesters (ab), Plattner G; Renner W; Went J; et al, 150: 615, 1984

## Shoulder, abnormalities

- shoulder impingement syndrome: radiographic evaluation, Cone RO III; Resnick D; Danzig L, 150: 29, 1984

## Shoulder, arthrography

- arthrographic visualization of rotator cuff tears: optimal application of stress to the shoulder, Garcia JF, 150: 595, 1984  
shoulder impingement syndrome: radiographic evaluation, Cone RO III; Resnick D; Danzig L, 150: 29, 1984

## Shunts, arteriovenous, pulmonary

- sonography of extrathoracic left-to-right shunts in infants and children, Kangaroo H; Gold RH; Benson L; et al, (AJR), 141: 923, 1983

## Shunts, ventriculoperitoneal

- radiologic evaluation of E. coli meningitis after a ventriculoperitoneal shunt, Levine MS, (AJNR), 4: 1247, 1983

## Sickle cell disease (SS, SC)

- renal infarction: CT diagnosis and correlation between CT findings and etiologies, Wong WS; Moss AA; Federle MP; Cochran ST; London SS, 150: 201, 1984

## Skull, abnormalities

- holoprosencephaly in infants of diabetic mothers (ab), Barr M Jr; Hanson JW; Curry K; et al, 150: 289, 1984

## Skull, anatomy

- jugular foramen: anatomic and computed tomographic study, Daniels DL; Williams AL; Houghton VM, (AJR), 142: 153, 1984

## Small intestine, neoplasm

- carcinoma of the small intestine and colon as a complication of Crohn disease: radiologic manifestations, Kerber GW; Frank PH, 150: 639, 1984

## Soft tissues, computed tomography

- aggressive fibromatosis: evaluation by computed tomography and angiography, Hudson TM; Vandergriend RA; Springfield DS; Hawkins IF Jr; Spanier SS; Enneking WF; Hamlin DJ, 150: 495, 1984

## Soft tissues, neoplasms

- bone-forming gastric metastases in muscle—computed tomographic demonstration (ab), Obley DL; Slasky BS; Peel RL; et al, 150: 866, 1984

## Special reports

- radionuclide thyroid studies: a survey of practice in the United States in 1981, Parker TW; Mettler FA Jr; Christie JH; Williams AG, 150: 547, 1984

## Spinal canal, magnetic resonance studies

- magnetic resonance imaging of the spinal cord and canal: potentials and limitations, Norman D; Mills CM; Brant-Zawadzki M; et al, (AJR), 141: 1147, 1983

## Spinal cord, compression

- diffuse posterior hyperostosis of the cervical spine with cord compression: a Forestier (DISH) variant (ab), Cholakertil JV; Cenizal J; Ketyer S; et al, 150: 292, 1984  
Spinal cord, computed tomography  
computed tomography of the spine and spinal cord, modern neuroradiology, vol. 1 (bk rev), Newton TH; Potts DG, eds, Reviewed by Latchaw RE, 150: 484, 1984

## Spinal cord, magnetic resonance studies

- magnetic resonance imaging of the spinal cord and canal: potentials and limitations, Norman D; Mills CM; Brant-Zawadzki M; et al, (AJR), 141: 1147, 1983

## Spine, abnormalities

- CT appearance of a prosthetic methyl methacrylate mass mistaken for abscess, Beynon J; Slonim L; Kiss ZS; Morris C; Lau L, 150: 506, 1984



- Klippert-Feil syndrome with conductive deafness and histological findings of removed stapes (ab), Sakai M, Miyake H; Shinkawa A; et al, 150: 294, 1984
- Spine, anatomy**  
ossification in the cephalic attachment of the ligamentum flavum: an anatomical and CT study, Williams DM; Gabrielsen TO; Latack JT; Martel W; Knake JE, 150: 423, 1984
- Spine, computed tomography**  
computed tomography of the asymptomatic postsurgical lumbar spine: analysis of the physiologic scar, Braun IF; Lin JP; Benjamin MV; et al, (AJR), 142: 149, 1984  
computed tomography of the spine and spinal cord, modern neuroradiology, vol. 1 (bk rev), Newton TH; Potts DG, eds, Reviewed by Latchaw RE, 150: 484, 1984  
computed tomography of the spine: curved coronal reformations from serial images, Rothman SLG; Dobben GD; Rhodes ML; Glenn WV Jr; Azzawi Y-M, 150: 185, 1984  
CT of osteomyelitis of the spine, Golimbu C; Firooznia H; Rafii M, (AJR), 142: 159, 1984  
high resolution computed tomography in the diagnosis of cervical disc disease (ab), Miyasaka K; Iku T; Iwasaki Y; et al, 150: 862, 1984  
improved reconstructed CT images of the spine (ab), Dobben GD, 150: 866, 1984  
ossification in the cephalic attachment of the ligamentum flavum: an anatomical and CT study, Williams DM; Gabrielsen TO; Latack JT; Martel W; Knake JE, 150: 423, 1984  
review, computed tomography of the postoperative lumbar spine, Teplick JG; Haskin ME, (AJR), 141: 865, 1983
- Spine, diseases**  
CT of osteomyelitis of the spine, Golimbu C; Firooznia H; Rafii M, (AJR), 142: 159, 1984
- Spine, facet joints**  
anomalous ossicle of the articular process: arthrography and facet block, Raymond J; Dumas J-M, (AJR), 141: 1233, 1983
- Spine, intervertebral disks**  
computed tomography of the asymptomatic postsurgical lumbar spine: analysis of the physiologic scar, Braun IF; Lin JP; Benjamin MV; et al, (AJR), 142: 149, 1984  
editorial, diagnosis of the herniated lumbar disc (ab), Miller JDR, 150: 856, 1984  
lumbar spine: pretest predictability of CT findings, Giles DJ; Thomas RJ; Osborn AG; Clayton PD; Miller M; Bahr L; Frederick P; O'Connor G; Ostler D, 150: 719, 1984  
reappraisal of lumbar discography (ab), Millette PC; Melanson D, 150: 856, 1984  
recognition of lumbar disk herniation with NMR, Chafetz NI; Genant HK; Moon KL; et al, (AJR), 141: 1153, 1983
- Spine, magnetic resonance studies**  
magnetic resonance imaging of the cervical spine: technical and clinical observations, Modic MT; Weinstein MA; Pavlicek W; et al, (AJR), 141: 1129, 1983  
NMR imaging of the spine, Han JS; Kaufman B; El Yousef SJ; et al, (AJR), 141: 1137, 1983  
recognition of lumbar disk herniation with NMR, Chafetz NI; Genant HK; Moon KL; et al, (AJR), 141: 1153, 1983
- Spine, neoplasms**  
intramuscular hemangioma (ab), Cohen AJ; Youkey JR; Clagett GP; et al, 150: 858, 1984  
intraoperative sonography of intraspinal tumors: initial experience, Knake JE; Chandler WF; McGillicuddy JE; et al, (AJNR), 4: 1199, 1983
- Spine, radiography**  
reappraisal of lumbar discography (ab), Millette PC; Melanson D, 150: 856, 1984
- Spine, stenosis**  
lumbar spine: pretest predictability of CT findings, Giles DJ; Thomas RJ; Osborn AG; Clayton PD; Miller M; Bahr L; Frederick P; O'Connor G; Ostler D, 150: 719, 1984
- Spine, surgery**  
computed tomography of the asymptomatic postsurgical lumbar spine: analysis of the physiologic scar, Braun IF; Lin JP; Benjamin MV; et al, (AJR), 142: 149, 1984  
retroperitoneal fibrosis after anterior spinal fusion (ab), Chan FL; Chow SP, 150: 288, 1984
- Spine, ultrasound studies**  
intraoperative sonography of intraspinal tumors: initial experience, Knake JE; Chandler WF; McGillicuddy JE; et al, (AJNR), 4: 1199, 1983
- Spleen, abnormalities**  
torsion of wandering spleen and distal pancreas, Sheflin JR; Lee CM; Kretschmar KA, (AJR), 142: 100, 1984
- Spleen, injuries**  
nonoperative diagnosis of intrathoracic splenosis, Scales FE; Lee ME, (AJR), 141: 1273, 1983
- Stomach, inflammation**  
See Gastritis
- Stomach, neoplasms**  
adenocarcinoma of the esophagus: relationship to Barrett mucosa, Levine MS; Caroline D; Thompson JJ; Kressel HY; Laufer I; Herlinger H, 150: 305, 1984
- Stomach, radiography**  
chronic erosive gastritis—clinical and radiological features (ab), McLean AM; Paul RE; Philipps E; et al, 150: 854, 1984
- Stomach, radionuclide studies**  
technetium-99m labelled bran: a new agent for measuring gastric emptying (ab), Sagar S; Grime JS; Little W; et al, 150: 302, 1984
- Stomach, stenosis**  
bolus obstruction by *Ascaris lumbricoides* (ab), Wynne JM; Ellman BAH, 150: 288, 1984
- Stomach, surgery**  
Mason's vertical banded gastroplasty for morbid obesity: surgical procedure and radiographic evaluation, Agha FP; Eckhauser FE; Strodel WE; Flanders BL; Knol JA, 150: 825, 1984  
radiology of gastric reduction surgery for obesity (ab), Cope JR; Moseley HS; Haynie CC; et al, 150: 287, 1984
- Stomach, varices**  
variceal bleeding and computed tomography (ab), Butler H; Alfidi RJ, 150: 866, 1984
- Streptokinase**  
See Enzymes  
catheter-directed low dose streptokinase infusion: a preliminary experience, Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, 150: 349, 1984  
low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, 150: 375, 1984  
low-dose streptokinase for occluded Hickman catheters, Zajko AB; Reilly JJ Jr; Bron KM; et al, (AJR), 141: 1311, 1983
- Subarachnoid space, computed tomography**  
relation of cerebral vasospasm to the extent and location of subarachnoid blood visualized by CT scan: a prospective study (ab), Kistler JP; Crowell RM; Davis KR; et al, 150: 291, 1984
- Subarachnoid space, hemorrhage**  
relation of cerebral vasospasm to the extent and location of subarachnoid blood visualized by CT scan: a prospective study (ab), Kistler JP; Crowell RM; Davis KR; et al, 150: 291, 1984
- Subtraction**  
digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy (ab), Archer CW; Turnipseed WD; Sackett JF; et al, 150: 292, 1984  
digital subtraction angiography of the thoracic aorta, Grossman LB; Buonocore D; Modic MT; Meaney TF, 150: 323, 1984  
digital subtraction arteriography for spinal arteriovenous malformation, Levy JM; Hessel SJ; Christensen FK; et al, (AJNR), 4: 1217, 1983  
location of parathyroid adenomas by thallium-201 and technetium-99m subtraction scanning (ab), Young AE; Gaunt JJ; Croft DN; et al, 150: 302, 1984  
percutaneous transluminal angioplasty of the iliac arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, 150: 363, 1984  
percutaneous transluminal angioplasty of the renal arteries: intravenous digital subtraction angiography for follow-up, Schwarten DE, 150: 369, 1984
- real-time digital subtraction angiography for therapeutic neuroradiologic procedures, Sherry RG; Anderson RE; Kruger RA; et al, (AJNR), 4: 1171, 1983  
self-masking subtraction tomosynthesis, Chakraborty DP; Yester MV; Barnes GT; Lakshminarayanan AV, 150: 225, 1984
- Synovial membrane**  
suprapatellar plica synovialis: a common arthrographic finding (ab), SanDretto MA; Wartinbee DR; Carrera GF; et al, 150: 856, 1984
- T**
- Telangiectasia**  
hereditary hemorrhagic telangiectasia: sonographic findings in the liver, Clogman HM; DiCapo RD, 150: 521, 1984
- Temporal bone**  
malignant external otitis: early scintigraphic detection, Strashun AM; Nejatheid M; Goldsmith SJ, 150: 541, 1984
- Temporal bone, computed tomography**  
high-resolution CT in the evaluation of glomus tumors of the temporal bone, Lo WWM; Solti-Bohman LG; Lambert PR, 150: 737, 1984  
high-resolution CT of the jugular foramen: anatomy and vascular variants and anomalies, Lo WWM; Solti-Bohman LG, 150: 743, 1984  
radiologic approach to paragangliomas of the temporal bone (opin), Curtin HD, 150: 837, 1984
- Temporal bone, neoplasms**  
high-resolution CT in the evaluation of glomus tumors of the temporal bone, Lo WWM; Solti-Bohman LG; Lambert PR, 150: 737, 1984  
radiologic approach to paragangliomas of the temporal bone (opin), Curtin HD, 150: 837, 1984
- Testis, injuries**  
sonography of testicular trauma, Jeffrey RB; Laing FC; Hricak H; et al, (AJR), 141: 993, 1983
- Testis, radionuclide studies**  
diagnosis of acute testicular torsion using radionuclide scanning (ab), Levy OM; Gittelman MC; Strashun AM; et al, 150: 870, 1984
- Testis, therapeutic radiology**  
radiation therapy in bulky seminoma (ab), Green Nathan; Broth E; George FW; et al, 150: 871, 1984
- Testis, torsion**  
diagnosis of acute testicular torsion using radionuclide scanning (ab), Levy OM; Gittelman MC; Strashun AM; et al, 150: 870, 1984
- Testis, ultrasound studies**  
sonography of testicular trauma, Jeffrey RB; Laing FC; Hricak H; et al, (AJR), 141: 993, 1983  
ultrasonographic analysis of chronic intratesticular pathology (ab), Blei L; Shehnik S; Bloom D; et al, 150: 299, 1984
- Thallium, radioactive**  
thallium uptake in fasted and nonfasted rats (ab), Cavaillolles F; Vitaux F; Petiet A; et al, 150: 617, 1984
- Therapeutic radiology**  
tetrahydrocannabinol vs. prochlorperazine: the effects of two antiemetics on patients undergoing radiotherapy, Ungerleider JT; Andrysiak TA; Fairbanks LA; Tesler AS; Parker RG, 150: 598, 1984
- Therapeutic radiology, interstitial and intracavitary**  
interstitial radiation therapeutic techniques at Mount Vernon Hospital (ab), Denham JW; Strickland P; Alderson AM; et al, 150: 870, 1984  
interstitial radiotherapy of the base of the tongue: improved non-looping afterloading technique, Krithivas G; Feldman MI; Cail DL; Bricout PB; Reyes BL, 150: 601, 1984  
intraoperative interstitial implantation of iridium 192 in the breast, Mansfield CM; Jewell WR, 150: 600, 1984
- Therapeutic radiology, preoperative**  
preoperative irradiation with high-dose fractionation in adenocarcinoma of the rectum and rectosigmoid (ab), Glimeius B; Graffman S; Pahlman L; et al, 150: 871, 1984

# Thermography, liquid crystals

- Thermography, liquid crystals**  
temporal variations of temperature of the breast by cholesteric liquid crystal contact plate thermography (ab), Borten M; Dileo LA; Friedman EA, 150: 856, 1984
- Thorax, computed tomography**  
CT diagnosis of unsuspected pneumothorax after blunt abdominal trauma, Wall SD; Federle MP; Jeffrey RB; et al, (AJR), 141: 919, 1983  
multisection sagittal and coronal magnetic resonance imaging of the mediastinum and hila, Webb WR; Gamsu G; Crooks LE, 150: 475, 1984
- Thorax, injuries**  
ventricular septal defect due to blunt chest trauma (ab), Olivier LR; Rossouw DS; De Villiers SJ; et al, 150: 287, 1984
- Thorax, magnetic resonance studies**  
magnetic resonance imaging of the thorax in childhood, Brasch RC; Gooding CA; Lallemand DP; Wesbey GE, 150: 463, 1984  
multisection sagittal and coronal magnetic resonance imaging of the mediastinum and hila, Webb WR; Gamsu G; Crooks LE, 150: 475, 1984  
NMR imaging of the chest at 0.12 T: initial clinical experience with a resistive magnet, Axel L; Kressel HY; Thickman D; et al, (AJR), 141: 1157, 1983
- Thorax, neoplasms**  
multisection sagittal and coronal magnetic resonance imaging of the mediastinum and hila, Webb WR; Gamsu G; Crooks LE, 150: 475, 1984
- Thorax, radiography**  
oblique chest film: value in routine and selective use, Young JWR; Andersen BL; Reinig JW, (AJR), 142: 69, 1984  
radiographic findings in the chest of patients following cardiac transplantation (ab), Shirazi KK; Amendola MA; Tisnado J; et al, 150: 287, 1984
- Thorax, ultrasound studies**  
sonography of extrathoracic left-to-right shunts in infants and children, Kangaroo H; Gold RH; Benson L; et al, (AJR), 141: 923, 1983
- Thrombolysis**  
low-dose fibrinolytic therapy in hand ischemia, Tisnado J; Bartol DT; Cho S-R; Vines FS; Beachley MC; Fields WR, 150: 375, 1984
- Thrombolysis, arterial**  
catheter-directed low dose streptokinase infusion: a preliminary experience, Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, 150: 349, 1984
- Thrombolysis, arteries**  
ultrasonic evaluation of abdominal aortic thrombus (ab), Harter LP; Gross BH; Callen PW; et al, 150: 867, 1984
- Thrombolysis, cardiac**  
digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy (ab), Archer CW; Turnipseed WD; Sackett JF; et al, 150: 292, 1984  
evaluation of intracardiac thrombus with computed tomography (ab), Tomoda H; Hoshiai M; Furuya H; et al, 150: 295, 1984  
real-time 2-dimensional echocardiographic visualization of thrombus on a Bjork-Shiley mitral valve prosthesis (ab), Lewis BS; Agathangelou NE; Dos Santos LA; et al, 150: 297, 1984  
transient right atrial thrombus during acute myocardial infarction: diagnosis by echocardiography (ab), Come PC, 150: 867, 1984
- Thrombolysis, femoral**  
iliofemoral venous thrombosis: real-time ultrasound diagnosis, normal criteria, and clinical application, Effeney DJ; Friedman MB; Gooding GAW, 150: 787, 1984
- Thrombolysis, hepatic vein**  
urokinase treatment of Budd-Chiari syndrome, Greenwood LH; Yrizarry JM; Hallett JW Jr; et al, (AJR), 141: 1057, 1983
- Thrombolysis, iliac**  
iliofemoral venous thrombosis: real-time ultrasound diagnosis, normal criteria, and clinical application, Effeney DJ; Friedman MB; Gooding GAW, 150: 787, 1984
- Thrombolysis, radionuclide diagnosis**  
detection of deep venous thrombosis with Tc-99m sulfur colloid (L), Maurer AH; Knight LC, 150: 842, 1984

- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), Bardfield PA; Harrison DA; Irwin GA; Buetow G, 150: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), Maurer AH; Knight LC, 150: 842, 1984
- detection of deep venous thrombosis with Tc-99m sulfur colloid: reply (L), Bardfield PA; Harrison DA; Wasserstein G; Buetow G; Irwin GAL, 150: 843, 1984
- Thrombolysis, ultrasound diagnosis**  
iliofemoral venous thrombosis: real-time ultrasound diagnosis, normal criteria, and clinical application, Effeney DJ; Friedman MB; Gooding GAW, 150: 787, 1984
- Thrombolysis, venous**  
catheter-directed low dose streptokinase infusion: a preliminary experience, Risius B; Zelch MG; Graor RA; Geisinger MA; Smith JAM; Piraino DW, 150: 349, 1984  
radionuclide plethysmography and Tc-99m red blood cell venography in venous thrombosis: comparison with contrast venography, Singer I; Royal HD; Uren RF; Waugh RC; McLaughlin AF; Bautovich GJ; Dyer IA; Fulton RR; Morris JC, 150: 213, 1984
- Thrombolysis, radionuclide diagnosis**  
indium-labeled platelet imaging of postoperative pelvic vein thrombi (ab), Clarke-Pearson DL; Creasman WT; Ralston M; et al, 150: 870, 1984
- Thrombolysis, vena**  
indium-labeled platelet imaging of postoperative pelvic vein thrombi (ab), Clarke-Pearson DL; Creasman WT; Ralston M; et al, 150: 870, 1984
- Thymus, neoplasms**  
radiologic evaluation of the mediastinum in myasthenia gravis (ab), Janssen RS; Kaye AD; Lisak RP; et al, 150: 853, 1984
- Thyroid**  
hypothalamic, pituitary and thyroid dysfunction after radiotherapy to the head and neck (ab), Saman NA; Vieto R; Schultz PN; et al, 150: 294, 1984
- Thyroid, computed tomography**  
thyroid tumor imaging (ab), Noyek AM; Greyson ND; Steinhart MI; et al, 150: 294, 1984
- Thyroid, hypothyroidism**  
fetal ovarian cysts: sonographic detection and association with hypothyroidism, Jafri SZH; Bree RL; Silver TM; Ouimette M, 150: 809, 1984  
multicystic ovaries in primary hypothyroidism (ab), Lindsay AN; Voorhes ML; MacGillivray MH, 150: 613, 1984  
transient hypothyroidism following radioiodine therapy for thyrotoxicosis (ab), Connell JMC; Hilditch TE; McCrudden DC; et al, 150: 304, 1984
- Thyroid, neoplasms**  
thyroid tumor imaging (ab), Noyek AM; Greyson ND; Steinhart MI; et al, 150: 294, 1984
- Thyroid, radiography**  
thyroid tumor imaging (ab), Noyek AM; Greyson ND; Steinhart MI; et al, 150: 294, 1984
- Thyroid, radionuclide studies**  
radionuclide thyroid studies: a survey of practice in the United States in 1981, Parker TW; Mettler JA Jr; Christie JH; Williams AG, 150: 547, 1984  
thyroid tumor imaging (ab), Noyek AM; Greyson ND; Steinhart MI; et al, 150: 294, 1984
- Thyroid, ultrasound studies**  
thyroid tumor imaging (ab), Noyek AM; Greyson ND; Steinhart MI; et al, 150: 294, 1984
- Thyroiditis**  
diagnosis and management of pyiform sinus fistulae in infants and young children (ab), Miller D; Hill JL; Sun C-C; et al, 150: 859, 1984
- Tibia, fracture**  
proximal tibial physis fracture and popliteal artery injury, Rivero H; Bolden R; Young LW, 150: 390, 1984
- Tinnitus**  
tinnitus of venous origin (ab), George B; Reizine D; Laurian C; et al, 150: 861, 1984
- Tomography, technology**  
self-masking subtraction tomosynthesis, Chakraborty DP; Yester MV; Barnes GT; Lakshminarayanan AV, 150: 225, 1984

# Tongue, neoplasms

- interstitial radiotherapy of the base of the tongue: improved non-looping afterloading technique, Krithivas G; Feldman MI; Cail DL; Bricout PB; Reyes BL, 150: 601, 1984
- Tongue, therapeutic radiology**  
interstitial radiation therapeutic techniques at Mount Vernon Hospital (ab), Denham JW; Strickland P; Alderson AM; et al, 150: 870, 1984  
interstitial radiotherapy of the base of the tongue: improved non-looping afterloading technique, Krithivas G; Feldman MI; Cail DL; Bricout PB; Reyes BL, 150: 601, 1984
- Trachea**  
hyoid bone elevation: a sign of tracheal transection, Polansky A; Resnick D; Sofferman RA; Davidson TM, 150: 117, 1984
- Trauma**  
computed tomography of blunt abdominal trauma, Federle MP, (RCNA), 21: 461, 1983  
CT diagnosis of unsuspected pneumothorax after blunt abdominal trauma, Wall SD; Federle MP; Jeffrey RB; et al, (AJR), 141: 919, 1983  
head trauma evaluated by magnetic resonance and computed tomography: a comparison, Han JS; Kaufman B; Alfidi RJ; Yeung HN; Benson JE; Haaga JR; El Youssef SJ; Clampt ME; Bonstelle CT; Huss R, 150: 71, 1984  
nonoperative diagnosis of intrathoracic splenosis, Scales FE; Lee ME, (AJR), 141: 1273, 1983  
radiographic signs of acute traumatic rupture of the thoracic aorta, Sefczek DM; Sefczek RJ; Deeb ZL, (AJR), 141: 1259, 1983  
sonography of testicular trauma, Jeffrey RB; Laing FC; Hricak H; et al, (AJR), 141: 993, 1983  
ventricular septal defect due to blunt chest trauma (ab), Olivier LR; Rossouw DS; De Villiers SJ; et al, 150: 287, 1984
- Tuberculosis**  
adenosine deaminase in pleural fluids: test for diagnosis of tuberculous pleural effusion (ab), Ocana I; Martinez-Vazquez JM; Segura RM; et al, 150: 853, 1984

# U

## Ultrasound

- sonography and endoscopy as mutually complementary diagnostic methods (ab), Farrenkopf E, 150: 298, 1984
- Ultrasound, Doppler studies**  
digital subtraction angiography and continuous-wave Doppler studies: their use in postoperative study of patients with carotid endarterectomy (ab), Archer CW; Turnipseed WD; Sackett JF; et al, 150: 292, 1984  
duplex ultrasound imaging: vascular applications, Wetzel SM; Kiser LC; Bezreh JS, 150: 507, 1984  
genesis of the systolic murmur of idiopathic hypertrophic subaortic stenosis: phonocardiographic, echocardiographic, and pulsed Doppler ultrasound correlations (ab), Chandrartna PAN; Aronow WS, 150: 615, 1984
- Ultrasound, experimental**  
ultrasound biologic effects: a suggestion of strain specificity (ab), O'Brien WD Jr; Januzik SJ; Dunn F, 150: 872, 1984
- Ultrasound, in infants and children**  
caudothalamic groove: value in identification of germinal matrix hemorrhage by sonography in preterm neonates, Bowie JD; Kirks DR; Rosenberg ER; et al, (AJR), 141: 1317, 1983  
sonographic examination of gallbladder kinetics in childhood—a comparison between healthy children and mucoviscidosis patients (ab), Klingmuller V; Abiodun P; Baumgarten K, 150: 290, 1984  
sonographic features of hepatocellular disease in neonates and infants, Blane CE; Jongeward RH Jr; Silver TM, (AJR), 141: 1313, 1983  
sonographic recognition of in utero intraventricular hemorrhage, McGahan JP; Haesslein HC; Meyers M; et al, (AJR), 142: 171, 1984

- sonography of extrathoracic left-to-right shunts in infants and children, Kangaroo H; Gold RH; Benson L; et al, (AJR), 141: 923, 1983
- ultrasonography and computed tomography in the evaluation of the acutely ill pediatric patient, Babcock DS; Kaufman RA, (RCNA), 21: 527, 1983
- Ultrasound, intraoperative**
- ultrasonography of small hepatic tumors using high-resolution linear-array real-time instruments, Sheu J-C; Sung J-L; Chen D-S; Yu J-Y; Wang T-H, 150: 797, 1984
- Ultrasound, technology**
- abdominal ultrasound in the upright position using real-time techniques (ab), Eisenscher A; Jacquemard P; Jouffroy J; et al, 150: 297, 1984
- echo-free silicone elastomer block for ultrasonography, Claes HP; Reygaerts DO; Boven FA; Leemans J; De Boeck M; Geurts JM, 150: 596, 1984
- effect of display format on detectability (ab), Thickman DJ; Ziskin MC; Goldenberg NJ, 150: 616, 1984
- measuring the time of flight of ultrasonic pulses with local resolution (ab), Newiger H; Giese K; Harder D, 150: 297, 1984
- new simple procedure for immersion sonography of scrotum in real-time technique (ab), Fischer P; Franken T; Molitor D, 150: 299, 1984
- new sonographic method for investigating the scrotal content via a rotating sound head (ab), Penkert A, 150: 299, 1984
- sectional planes of sonographic upper abdomen diagnosis (ab), Helgenberger H, 150: 297, 1984
- transrectal ultrasound tomography by electronic linear scanner (ab), Schuller J; Walther V, 150: 299, 1984
- Ultrasound guidance**
- abscess drainage with CT and ultrasound guidance, Clark RA; Towbin R, (RCNA), 21: 445, 1983
- sonographically guided and surgical alcohol injection of the coeliac ganglion for intractable upper abdominal pain through malignomas (ab), Greiner L; Ulatowski L; Prohm P, 150: 298, 1984
- ultrasound-directed transvaginal aspiration biopsy of pelvic masses (ab), Graham D; Sanders RC, 150: 299, 1984
- Ureter**
- ectopic ureteral orifice masquerading as a urethral diverticulum, Curry NS, (AJR), 141: 1325, 1983
- Ureter, diseases**
- benign causes of acquired ureteropelvic junction obstruction: a urologic spectrum (ab), Wadsworth DE; McClellan BL, 150: 855, 1984
- Ureter, stenosis**
- benign causes of acquired ureteropelvic junction obstruction: a urologic spectrum (ab), Wadsworth DE; McClellan BL, 150: 855, 1984
- Urethra, abnormalities**
- lacuna magna: a hidden cause of dysuria and bloody spotting in boys (ab), Bellinger MF; Purohit GS; Duckett JW; et al, 150: 290, 1984
- Urethra, valves**
- variability of urographic findings in posterior urethral valves (ab), Eklof O; Olsson H, 150: 860, 1984
- Urography, contrast media**
- iohexal in urography (ab), Lalli AF; Williams B; Maynard E, 150: 856, 1984
- pediatric urography: comparison of metrizamide and methylglucamine diatrizoate, Robey G; Reilly BJ; Carusi PA; Nguyen KB, 150: 61, 1984
- Urokinase**
- urokinase treatment of Budd-Chiari syndrome, Greenwood LH; Yrizarry JM; Hallett JW Jr; et al, (AJR), 141: 1057, 1983
- Uterine neoplasms, therapy**
- chemotherapy of cervical carcinoma: use of Tc-99m-MAA infusion to predict drug distribution, Kim EE; Bledin AG; Kavanagh J; Haynie TP; Chuang VP, 150: 677, 1984
- Uterus, hemorrhage**
- intrauterine bleeding following transplacental amniocentesis (ab), Perkes EA; Baim RS; Clair MR; et al, 150: 299, 1984
- Uterus, ultrasound studies**
- ultrasound evaluation of sutures following cervical cerclage for incompetent cervix uteri (ab), Parulekar SG; Kiwi R, 150: 299, 1984
- V**
- Veins, hepatic**
- hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation, Subramanyam BR; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, 150: 793, 1984
- peliosis hepatis: diagnosis by magnification wedged hepatic venography, Lyon J; Bookstein JJ; Cartwright CA; Romano A; Heeney DJ, 150: 647, 1984
- Veins, magnetic resonance studies**
- nuclear magnetic resonance: principles of blood flow imaging, Mills CM; Brant-Zawadzki M; Crooks LE; et al, (AJR), 142: 165, 1984
- Veins, subclavian**
- subclavian vein thrombosis secondary to chronic otitis media (ab), Surkin MI; Green RP; Kessler SM; et al, 150: 862, 1984
- Veins, therapeutic blockade**
- embolotherapy in vascular disease, White RI Jr, (AJR), 142: 27, 1984
- Veins, transluminal angioplasty**
- percutaneous transluminal angioplasty of aortocoronary saphenous vein graft. morphologic observations (ab), Famularo M; Vasilomanolakis EC; Schrage B; et al, 150: 857, 1984
- Venae cavae, computed tomography**
- computed tomography of a thrombosed left inferior vena cava (ab), Lepke RA; Pagani JJ, 150: 296, 1984
- Venae cavae, dilatation**
- medial indentation of the duodenal sweep by a dilated inferior vena cava, Liu C-I; Cho S-R; Shaw C-I; et al, (AJR), 141: 1287, 1983
- Venae cavae, filters**
- manipulation of vena cava filters: locked-catheter technique, Glass TA; D'Souza VJ; Velasquez G; Formanek AG; Meredith J; Albertson D, 150: 258, 1984
- percutaneous transcatheter filter for the inferior vena cava: a new device for treatment of patients with pulmonary embolism, Roehm Jr JOF; Gianturco C; Barth MH; Wright KC, 150: 255, 1984
- Venae cavae, neoplasms**
- hepatocellular carcinoma with venous invasion. sonographic-angiographic correlation, Subramanyam BR; Balthazar EJ; Hilton S; Lefleur RS; Horii SC; Raghavendra BN, 150: 793, 1984
- Venae cavae, thrombosis**
- computed tomography of a thrombosed left inferior vena cava (ab), Lepke RA; Pagani JJ, 150: 296, 1984
- Venography, technology**
- closed-system venography in the evaluation of angiodysplastic lesions of the extremities, Braun SD; Moore AV Jr; Mills SR; et al, (AJR), 141: 1307, 1983
- Ventricular septal defect**
- ventricular septal defect due to blunt chest trauma (ab), Olivier LR; Rossouw DS; De Villiers SJ; et al, 150: 287, 1984
- Vocal cords, neoplasms**
- radiation therapy of early glottic carcinoma (ab), Kondo M; Murakami Y; Saito S; et al, 150: 870, 1984
- Vocal cords, therapeutic radiology**
- radiation therapy of early glottic carcinoma (ab), Kondo M; Murakami Y; Saito S; et al, 150: 870, 1984
- von Recklinghausen's disease**
- See Neurofibromatosis
- W**
- Wrist**
- painful os styloideum: bone scintigraphy in carpe bossu disease, Apple JS; Martinez S; Nunley JA, (AJR), 142: 181, 1984
- Wrist, injuries**
- bilateral palmar flexion instability: a complication of wheelchair use, Pennes DR; Shirazi KK; Martel W, (AJR), 141: 1327, 1983